IMPORTANT:
THESE INSTRUCTIONS ARE TO REMAIN WITH THE HOMEOWNER

FOR YOUR SAFETY

WARNING: If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

-- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

-- WHAT TO DO IF YOU SMELL GAS

- **Do not try to light any appliance.**
- **Do not touch any electrical switch; do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

-- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

This appliance may be installed in an after-market permanently located, manufactured home (USA only) or mobile home, where not prohibited by local codes.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.

We endorse NATIONAL FIREPLACE INSTITUTE A CERTIFICATION AGENCY

TOWN & COUNTRY FIREPLACES™

TC42 INSTALLATION AND OPERATING INSTRUCTIONS

MODEL TC42
SERIES C
MODULAR DIRECT VENT FIREPLACE

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CAUTION

FOR YOUR SAFETY - Do not install or operate your Town and Country fireplace without first reading and understanding this manual. Any installation or operational deviation from the following instructions voids the Town and Country Fireplaces™ Warranty and may prove hazardous.

This appliance and its individual shutoff valve must be disconnected from gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPa).

This appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa).

Note: When lit for the first time, the appliance will emit a slight odour for a couple of hours. This is due to the curing of paints, sealants and lubricants used in the manufacturing process. This condition is temporary. Open doors and windows to ventilate area. Smoke and fumes caused by the curing process may cause discomfort to some individuals.

Do not use the fireplace if any part has been under water. Immediately call a qualified service technician to inspect the fireplace and to replace any part of the control system and any gas control which has been under water.

SAFETY

Due to high temperatures, this gas appliance should be located out of traffic and away from furniture and draperies.

Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.

Young children should be carefully supervised when they are in the same room as the appliance.

Clothing or other flammable material should not be placed on or near the appliance.

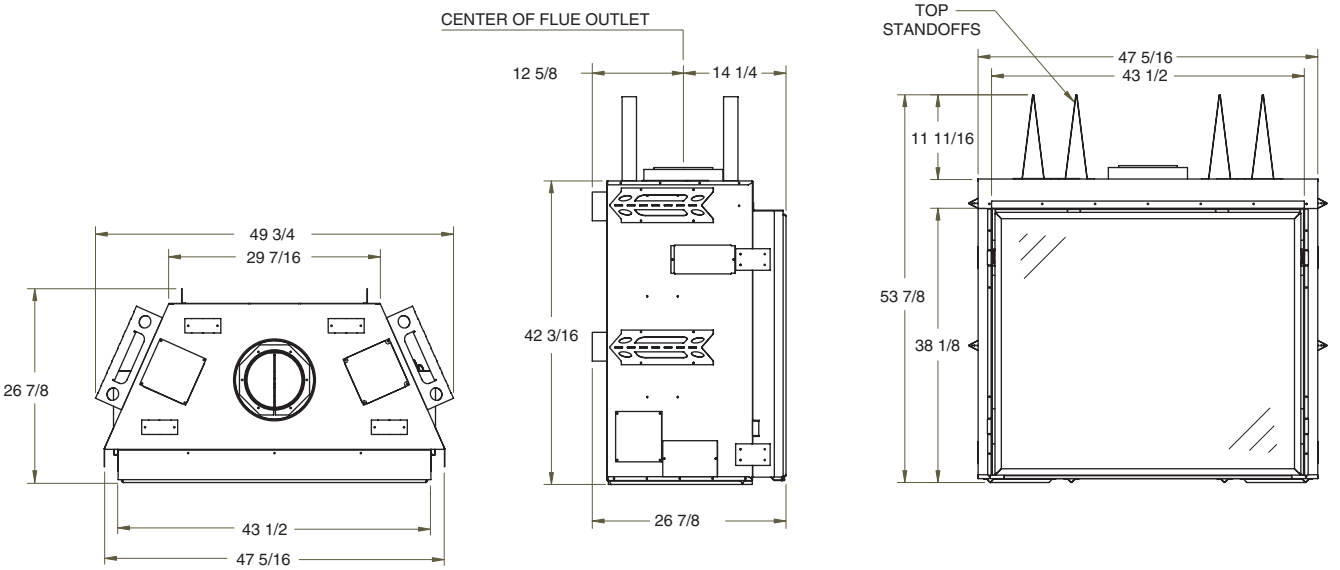
Any grill, panel or door removed for servicing the unit must be replaced prior to operating. Failure to do so may create a hazardous condition.

Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.

It is our policy that no responsibility is assumed by the Company or by any of its employees or representatives for any damages caused by an inoperable, inadequate, or unsafe condition which is the result, either directly or indirectly, of any improper operation or installation procedures.

Fig # 1

FIREPLACE DIMENSIONS



Important Note for the Commonwealth of Massachusetts:

From Massachusetts Rules and Regulations 248 CMR 5.08:

(a) For all side wall horizontally vented gas fuelled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the side wall exhaust vent termination is less than seven (7) feet above finished grade in the area of the venting, including but not limited to decks and porches, the following requirements shall be satisfied.

1. INSTALLATION OF CARBON MONOXIDE DETECTORS. At the time of installation of the side wall horizontal vented gas fuelled equipment, the installing plumber or gasfitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed, in addition, the installing plumber or gasfitter shall observe that a battery operated or hard-wired carbon monoxide detector with an alarm is installed on each additional level of the dwelling, building or structure served by the side wall horizontal vented gas fuelled equipment. It shall be the responsibility of the property owner to secure the services of qualified licensed professionals for the installation of hard-wired carbon monoxide detectors.

a. In the event that the side wall horizontally vented gas fuelled equipment is installed in a crawl space or an attic, the hard-wired carbon monoxide detector with alarm and battery back-up may be installed on the next adjacent floor level.

b. In the event that the requirements of this subdivision cannot be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.

2. APPROVED CARBON MONOXIDE DETECTORS. Each carbon monoxide detector as required in accordance with the above provisions shall comply with NFPA 720 and be ANSI/UL 2034 listed as IAS certified.

3. SIGNAGE. A metal or plastic identification plate shall be permanently mounted to the exterior of the building at a minimum height of eight (8) feet above grade directly in line with the exhaust vent terminal for the horizontally vented gas fuelled heating appliance or equipment. The sign shall read, in print size no less than one-half (1/2) inch in size, “GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS”.

4. INSPECTION. The state or local gas inspector of the side wall horizontally vented gas fuelled equipment shall not approve the installation unless, upon inspection, the inspector observes carbon monoxide detectors and signage installed in accordance with the provisions of 248 CMR 5.089(2)(a) 1 through 4.

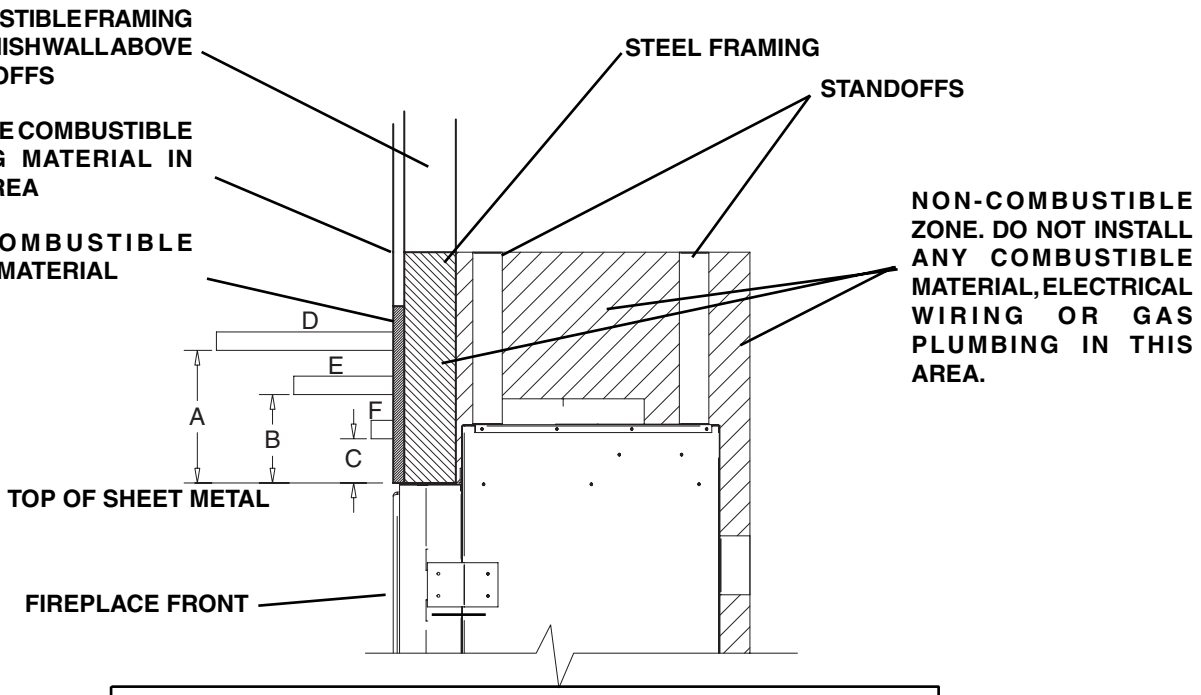
(b) EXEMPTIONS. The following equipment is exempt from 248 CMR 5.089(2)(a) 1 through 4.
1. The equipment listed in Chapter 10 entitled “Equipment Not Required To Be Vented” in the most current edition of NFPA 54 as adopted by the Board; and
2. Product Approved side wall horizontal vented gas fuelled equipment installed in a room or structure separate from the dwelling, building or structure used in whole or in part for residential purposes.

(c) MANUFACTURER REQUIREMENTS – GAS EQUIPMENT VENTING SYSTEM PROVIDED. When the manufacturer of Product Approved side wall horizontally vented gas equipment provides a venting system design or venting system components with the equipment, the instructions provided by the manufacturer for installation of the equipment and the venting system shall include:
1. Detailed instructions for the installation of the venting system design or the venting system components; and
2. A complete parts list for the venting system design or venting system.

(d) MANUFACTURER REQUIREMENTS – GAS EQUIPMENT VENTING SYSTEM NOT PROVIDED. When the manufacturer of a Product Approved side wall horizontally vented gas fuelled equipment does not provide the parts for venting the fuel gases, but identifies “special venting systems”, the following requirements shall be satisfied by the manufacturer.
1. The referenced “special venting system” instructions shall be included with the appliance or equipment installation instructions; and
2. The “special venting systems” shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed installation instructions.

(e) A copy of all installation instructions for all Product Approved side wall horizontally vented gas fuelled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.

Fig. # 2

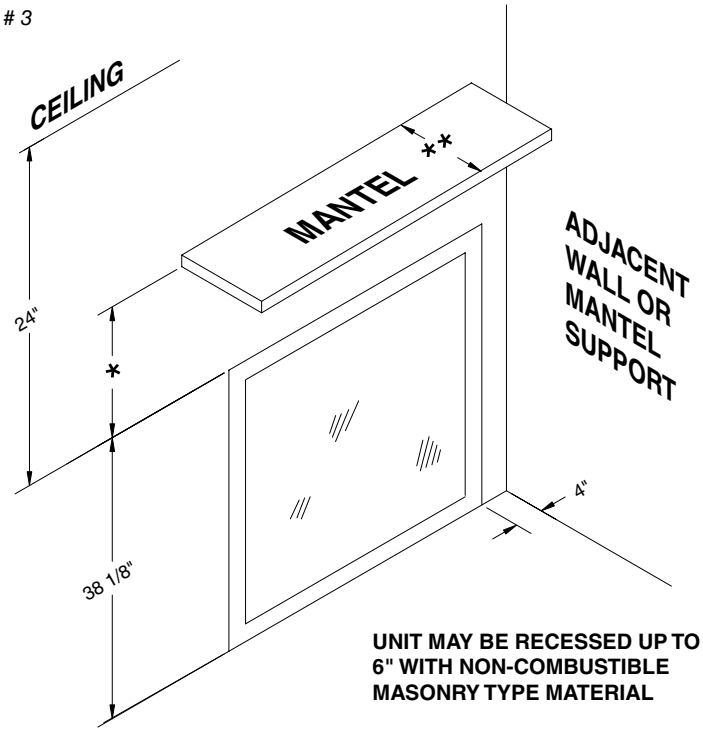


MANTEL CLEARANCE CHART			
REF.	MANTEL CLEARANCE	REF.	MANTEL DEPTH
A	9"	D	12"
B	6"	E	6 3/4"
C	3"	F	1 1/2"

Minimum Clearances to Combustibles:

Side standoffs	0 in.	(0 mm)
Back standoffs	0 in.	(0 mm)
Top standoffs	0 in.	(0 mm)
Bottom of appliance	0 in.	(0 mm)
Adjacent sidewall	4 in.	(102 mm)
Ceiling to appliance	24 in.	(610 mm)
Mantel to appliance	See Fig. #2	
Maximum mantel extension	See Fig. #2	
Mantel support	4 in.	(102 mm)
Vertical vent pipe	1-3/4 in.	(45 mm)
Horizontal vent pipe		
Top	1-3/4 in.	(45 mm)
Sides	1-3/4 in.	(45 mm)
Bottom	1-3/4 in.	(45 mm)

Fig. # 3



UNIT MAY BE RECESSED UP TO 6" WITH NON-COMBUSTIBLE MASONRY TYPE MATERIAL

INSTALLATION REQUIREMENTS

The Town & Country Fireplace installation and venting must conform to the current CAN/CGA-B149 installation code (in Canada) or the current National Fuel Gas Code, ANSI Z223.1 (in the USA), and approved per local codes. Only qualified (licensed or trained) personnel should install this product.
In the state of Massachusetts, only a licensed Plumber and Gas Fitter may install this product.

LOCATING THE FIREPLACE

In planning the installation for the fireplace, it is necessary to determine where the unit is to be installed, location of vent system and where gas supply piping may be plumbed. Various installations are possible, such as, into an existing wall, a corner, a built-in wall or a wall projection (see Fig. #5). Due to high temperatures, do not locate this fireplace in areas of high traffic or near furniture or draperies.
The minimum clearances from the fireplace to combustible surfaces must be adhered to and are shown on Fig. #2 and 3.

TOP STANDOFFS

The top standoffs are shipped loose inside the fireplace and must be installed on top of the fireplace as shown in Fig. #4.

Assembly:
1) Remove the standoffs from inside the fireplace. (See window frame removal section on pg. 28)
2) Position the standoffs in place and secure with screws provided.

Fig. # 4

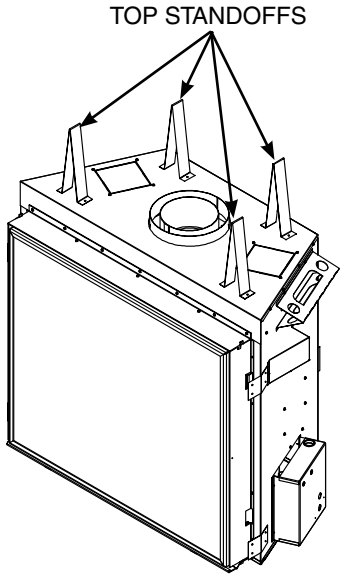
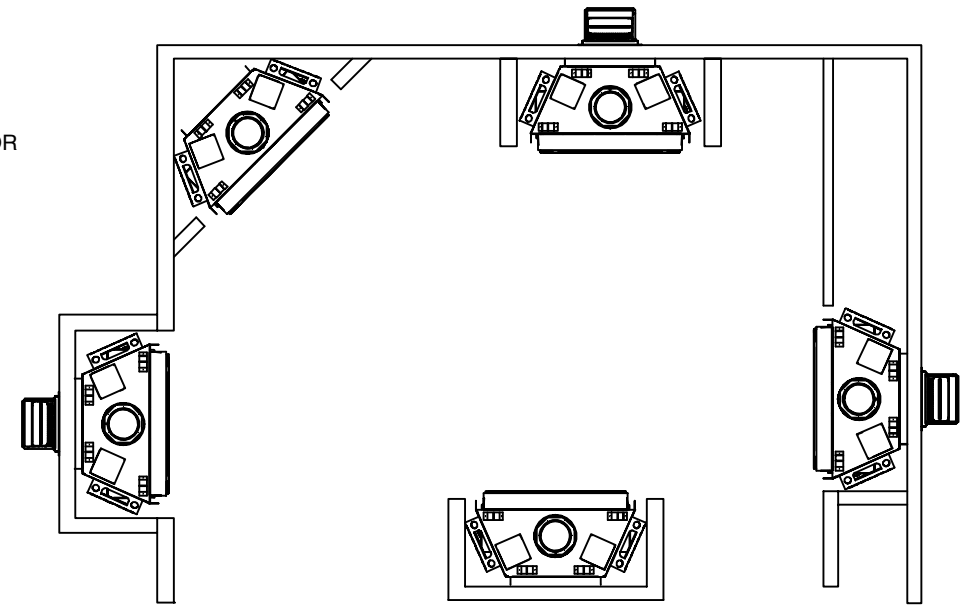


Fig. # 5

Examples of Common Locations

SEE FIG #9 FOR DIMENSIONS



FRAMING AND FINISHING

Note: The fireplace must be in place and venting installed before framing in or building an enclosure around the unit.

The Town & Country Fireplace must be framed in as described below or totally enclosed with non-combustible material, such as facing brick.

Determine the total thickness of facing material to be used. A thickness of 3/4" will allow the finishing surface to be flush with the front of the unit. If preferred, additional masonry type non-combustible material can be installed above and to the sides up to 6 inches proud of the appliance. **The finishing material must not interfere with glass frame access.**

A Steel Stud Framing Kit is supplied with the fireplace and must be used unless the fireplace is totally enclosed with non-combustible material. Assemble the framing kit as per its instructions. Attach the steel frame to the fireplace once the fireplace is in its final position. Secure the steel frame to the framing brackets on each side of the unit. Ensure that the studs are set back far enough to allow for thickness of finishing surface.

The sides, back and top of the fireplace can be framed in up to the steel studs and the fireplace standoffs using conventional lumber. Consult local building codes for specific requirements.

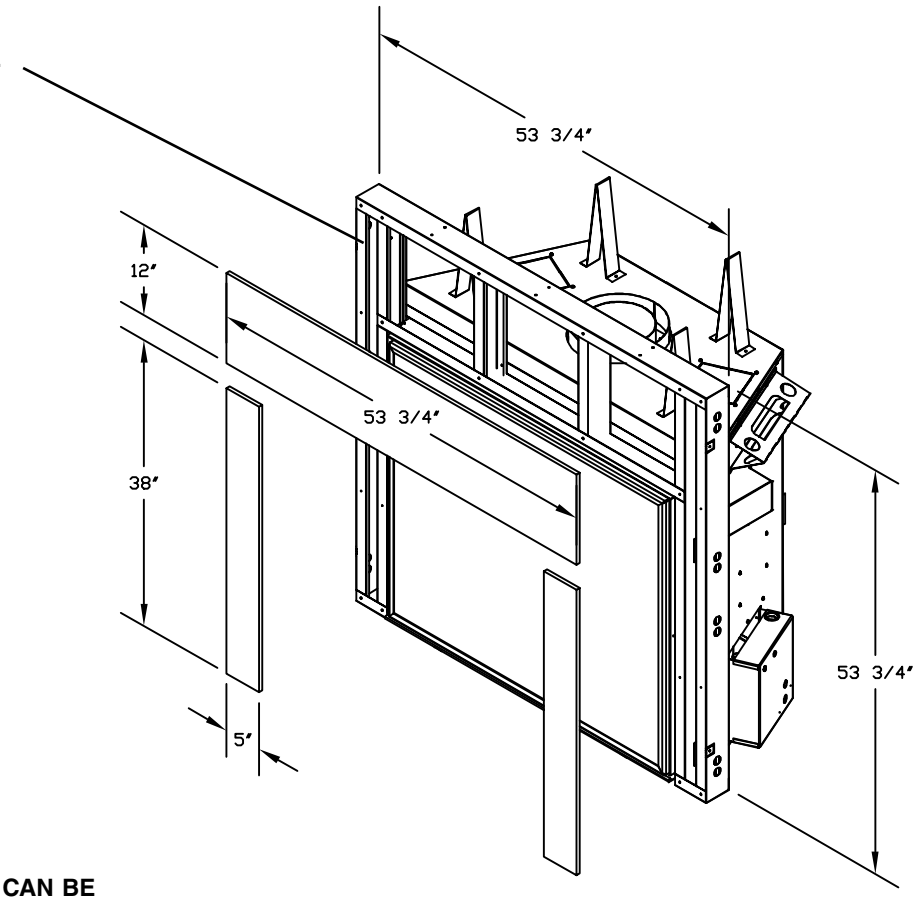
Due to high temperatures, concrete board is supplied with the fireplace and must be used to sheet in the front of the fireplace, extending 12" above and 5" to the side of the framing edge bars. See Fig. #7. Standard sheetrock (drywall) may be used beyond this.

Chase Insulation: When installing this fireplace against a non-insulated exterior wall or chase, it is recommended that the outer walls be insulated to same degree as other exterior walls. Do not place fireplace directly against the insulation. Cover the insulation and plastic vapour barrier with a solid surface, such as drywall (sheetrock). Consult local codes. Do not insulate or use plastic vapour barrier within the framing kit.

Fig. # 6

STEEL STUD FRAMING KIT DIMENSIONS (TC42.FRKITB)

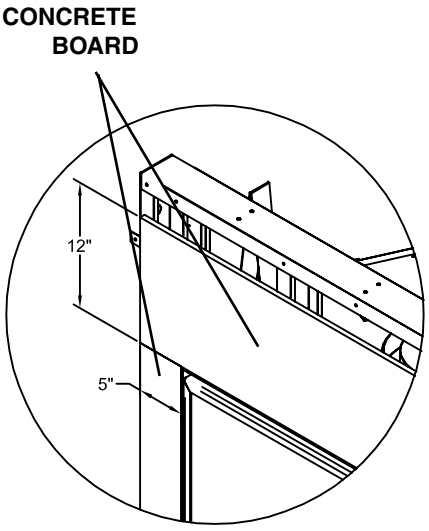
NON-COMBUSTIBLE ZONE. DO NOT INSTALL ANY COMBUSTIBLE MATERIAL, ELECTRICAL WIRING, INSULATION, PLASTIC VAPOUR BARRIER OR GAS PLUMBING WITHIN THE STEEL STUD FRAMING



ALL OTHER FRAMING CAN BE DONE WITH CONVENTIONAL LUMBER

Fig. # 7

CONCRETE BOARD DETAIL



Concrete board (or other non-combustible material) must extend 12" above and 5" to the sides of the framing edges.

Fig. # 8

NON-COMBUSTIBLE RECESSED INSTALLATION DETAIL

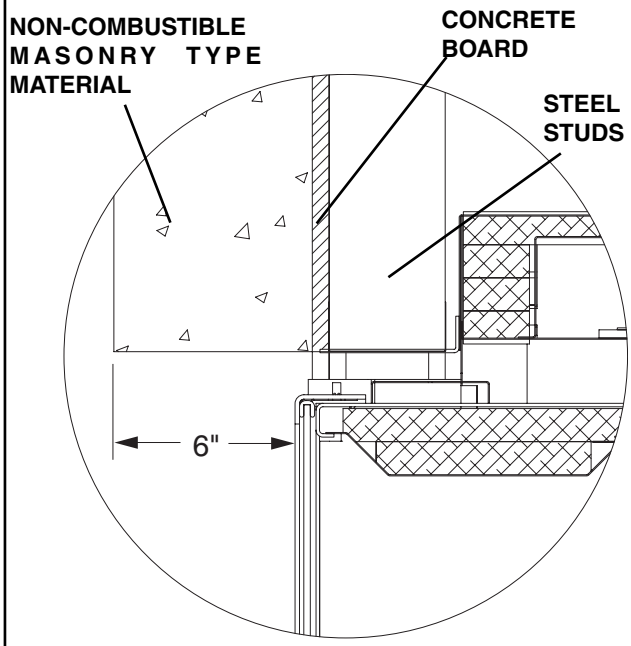
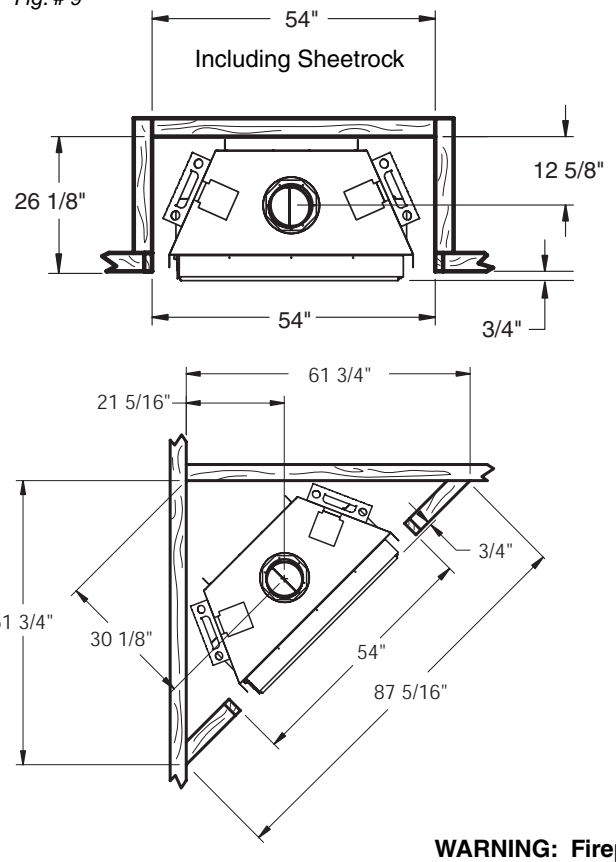
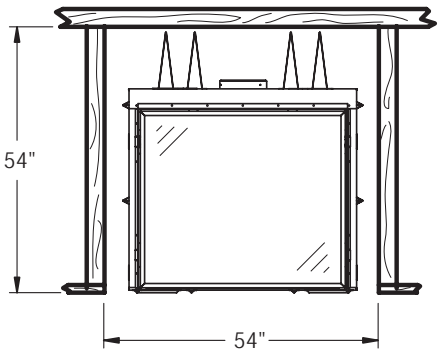


Fig. # 9

MINIMUM COMBUSTIBLES FRAMING DIMENSIONS





WARNING: Fireplace should be in its final location before framing.

MAESTRO CONTROL SYSTEM

The gas control system is located on the right hand side of the firebox behind an access panel and the decorative brick panel. The fireplace is operated via a wall switch that can be located up to 25 ft away from the fireplace and also by a hand held remote control unit.

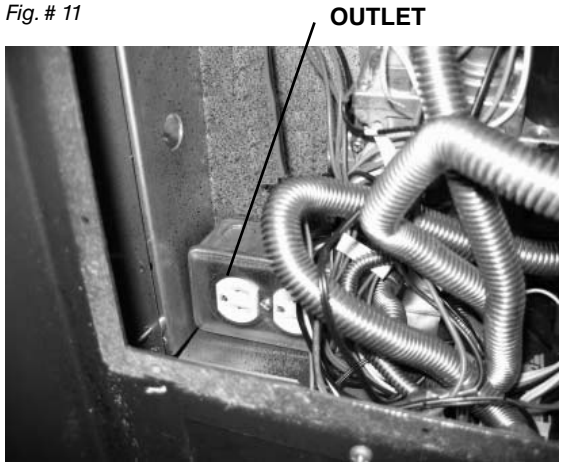
Installation

1) Locate the fireplace in the desired location.
2) Remove access panel from right hand side of the firebox (Fig. #10)

Fig. # 10

3) Connect a 110v AC electrical supply to the outlet installed inside the control box (Fig. #11)

Fig. # 11



4) Connect the gas supply to the valve (Fig. #12)
5) Plug the A/C adaptor into the outlet (Fig. #13)
6) Attach the electrical box for the supplied wall control to the framing in the desired location (up to 25ft away).

Fig. # 12

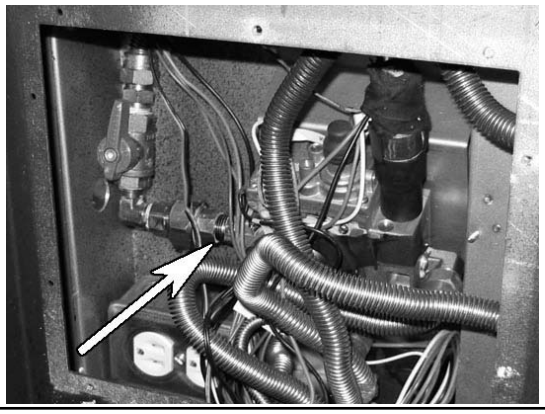
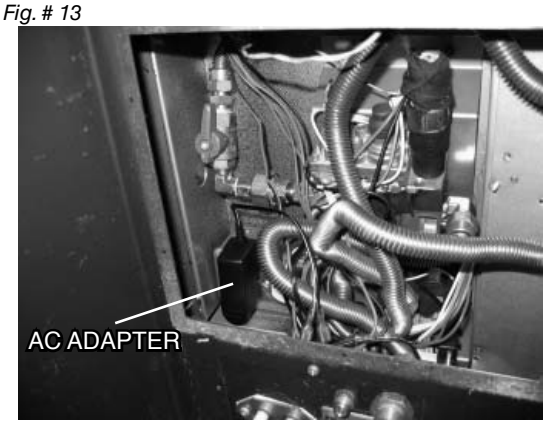


Fig. # 13



7) Route the control cable as required to the wall control electrical box.
8) Attach the control cable to the wall control. (Fig. #14)
9) Insert the 4 supplied “AA” batteries into the battery pack and connect to wall control. (Fig. #15)
10) Fasten the wall switch to the electrical box.
11) Fasten the faceplate to switch
12) Turn on the gas supply and check that all connections are tight and leak free.

Fig. # 14

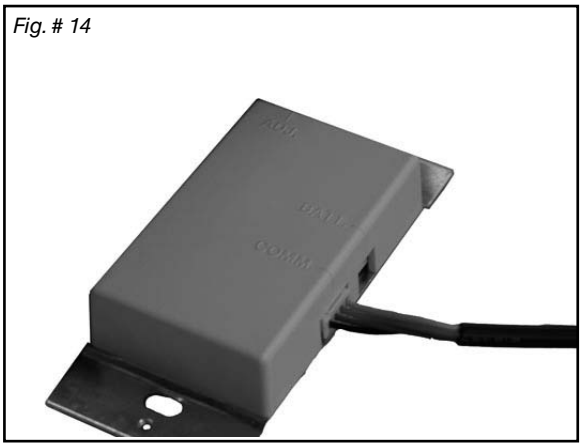
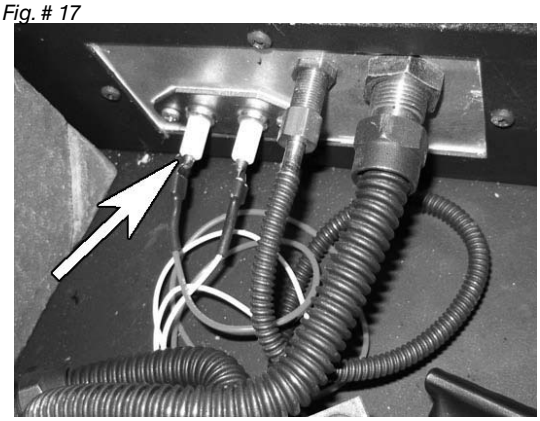


Fig. # 15

Fig. # 17



Burner installation

1) Remove the burner from the packaging and install as per its installation instructions.
2) Connect the flex hoses from the pilot and the main burner supply to the bulkhead fittings on the firebox. (Fig. #16)
3) Connect the electrical connections from the pilot assembly to the connections in the firebox side. Ensure that the orange wire from the spark electrode is connected to the rear of the two connectors in the bulkhead. (Fig. #17)

Note: If you need to test the supply pressure, turn off the gas supply before removing the blanking plug from the supply pressure test port.

4) Remove the pressure test point pipe plug from the manifold test port. The plug is located between the right side lintel and firebox side. (Fig. #18)
5) Thread the extension piece into the open test port. (Fig. #19)
6) Attach a pressure gauge onto the hose barb on the now installed extension piece.

Fig. # 18

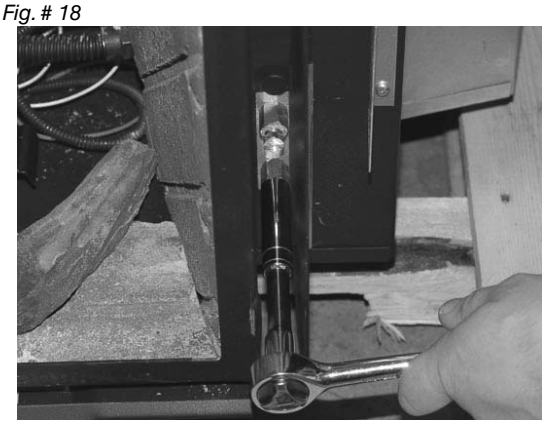


Fig. # 16

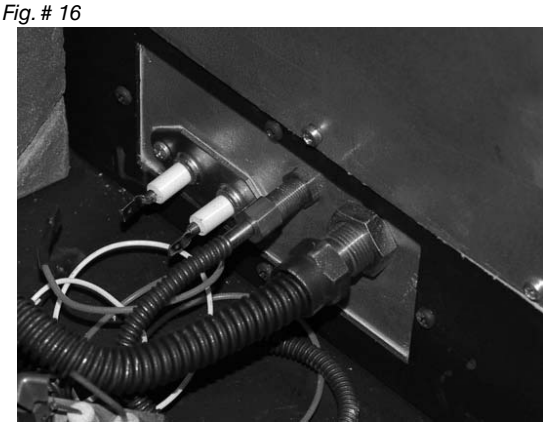


Fig. # 19

If this fireplace is to be used on natural gas go to step 17.

CONVERSION LP

If the unit is to be used on propane convert as follows using the components supplied with this fireplace:

Warning:
This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked

Caution: The gas supply and electrical power shall be shut off before proceeding with the conversion.

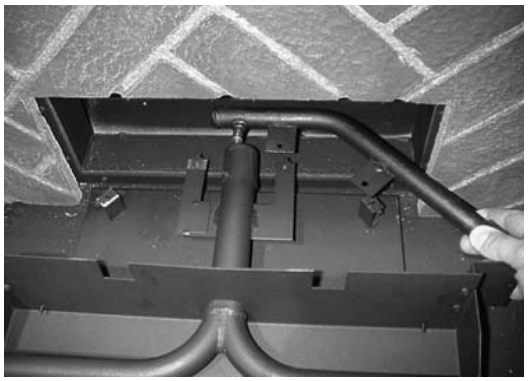
7) On the country home burner remove the two screws securing the air deflector to the grate. (Fig. #20)
8) Remove the manifold assembly from the burner, country home and chalet burners. (Fig. #21)
   The burner tube will have to be removed to expose the orifice on the black diamond burner. (Fig. #22)
9) With a ½" wrench remove the natural gas orifice (#25) and replace with propane orifice (#3/32")
10) With a 7/16" wrench loosen the pilot head on the pilot assembly (Fig. #23)

COUNTRY HOME BURNER

Fig. # 20

COUNTRY HOME & CHALET BURNER

Fig. # 21



BLACK DIAMOND BURNER

Fig. # 22

Fig. # 23

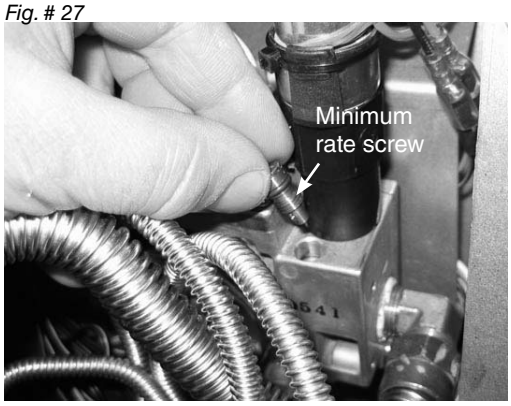
Fig. # 24

Fig. # 25

11) Slide the pilot adjustment band over and ensure that the hole in the orifice band is showing. (Fig. #25 shows NG position, Fig. #26 shows LP position)
12) Remove the minimum rate screw located in the valve. (Fig. #27)

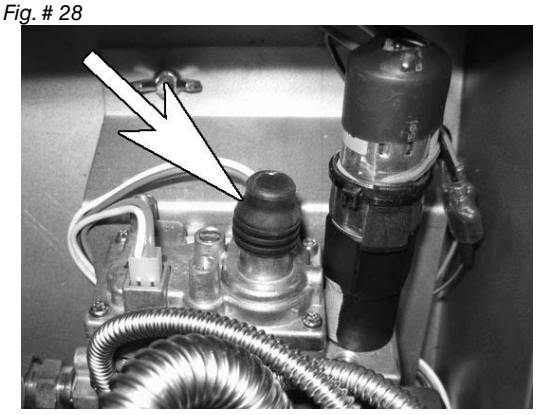
Fig. # 26

Fig. # 27



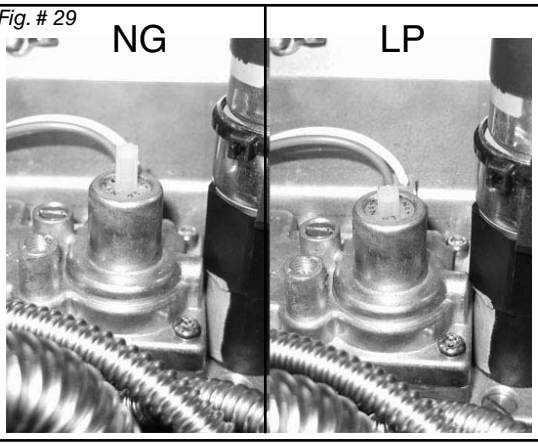
13) Replace the minimum rate screw with the one provided in the propane conversion kit supplied with this fireplace. Ensure that the screw is fully installed. (Fig. #28)

Fig. # 28



14) Pull off the rubber cap from the top of the pressure regulator. (Fig. #29) The pressure regulator adjustment tube is now accessible.

Fig. # 29

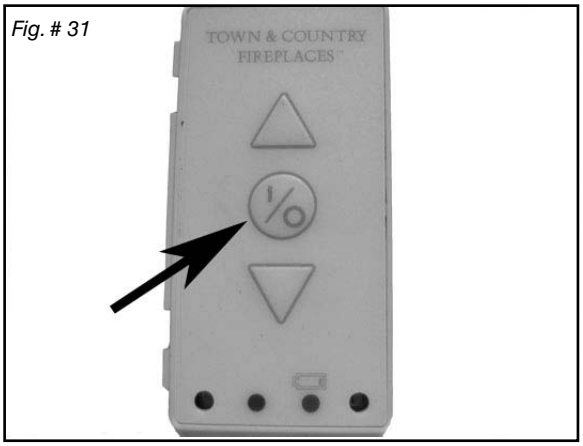


15) Press down on the center tube and rotate 90°. The center tube should stay down. (Fig. #30). Replace the rubber cap.

Fig.# 30

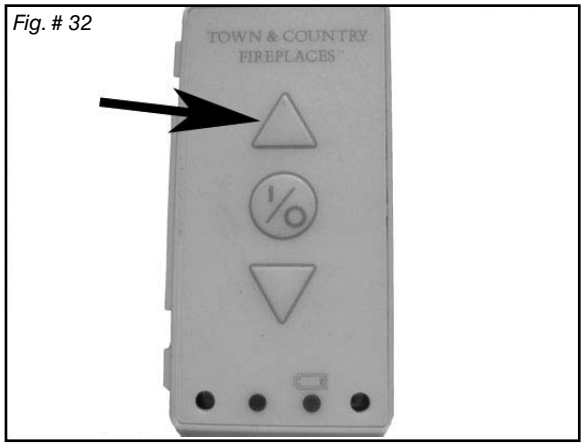
16) Sign and date the conversion label supplied and stick it to valve body.
17) Loosely attach the access panel to the side of the firebox with a few screws. (Fig. #31)

Fig. # 31



18) Turn on gas and electrical supplies.
19) Press the center button on the wall control (Fig. #32). The igniter will start to spark. After a short delay the pilot will light, followed by the main burner.

Fig. # 32



20) Press the up button on the wall control and hold it for 5 seconds or until a clicking sound is heard from the gas control. Release the button, check manifold pressure and ensure that it's correct. (Fig. #33)
21) Press the center button of the wall control. The fireplace will shut off.
22) Install the remaining screws in the access panel and tighten.
23) Remove the pressure gauge and the extension piece and thread the pressure test pipe plug into the pressure test port. Thread sealant is required on the threads.
24) Turn the fireplace on and verify that the connections are tight.
25) Continue installation of the burner as per the burner kit instructions.

Standing Pilot Function
(only for use where permitted)

The control system on this fireplace is shipped as a non-standing pilot fireplace. If required the system can be converted to a standing pilot by depressing a recessed button located on the lower right hand side of the wall control. (Fig. #33) This should be depressed with a paperclip, pencil or other thin object. Once activated the pilot will run continuously. Please check with your local inspector to ensure that this is permitted in your area.

Control System – Remote Control Initial Setup

This fireplace is supplied with a wall control and hand held remote control. **Please note only genuine Town & Country Fireplace wall controls and hand held remote controls can be used on this fireplace.**

1) Initial set up of the hand held remote is required. A "learn" button is located on the lower left hand side of the wall switch. This should be depressed with a paperclip, pencil or other thin object. (Fig. #34)
2) Once this has been pressed, press the center button on the hand held remote. (Fig. #35) The fireplace will then turn on.
3) Turn off the fireplace by pressing the center button again. The handset is now synchronized with the fireplace.

Fig. # 33

Fig. # 34

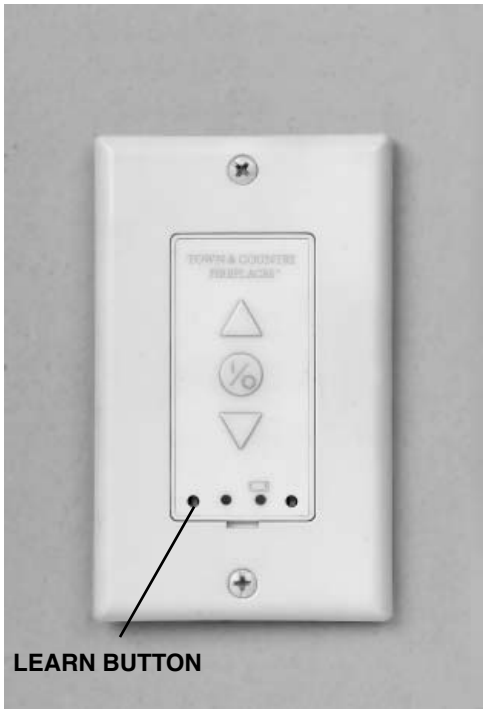
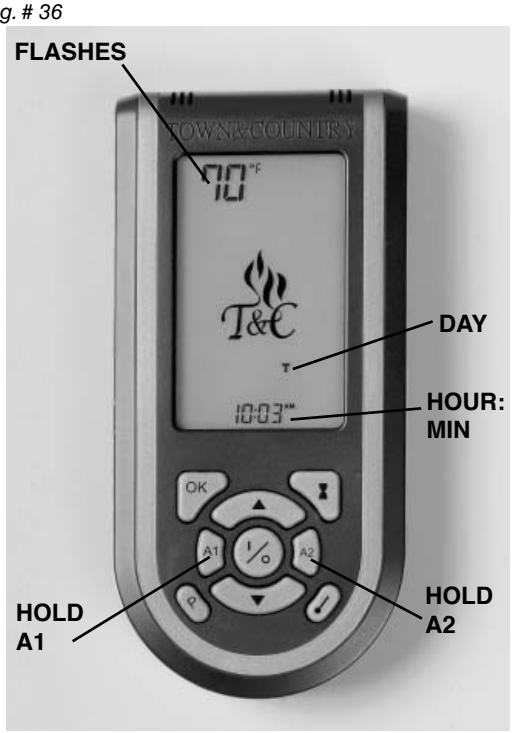


Fig. # 35

Fig. # 36



Initial Settings
(time and temperature)

1) Press and hold the A1 and A2 buttons at the same time until the temperature symbol flashes. (Fig. #36)
2) Use the up and down arrows to set preferred temperature units. (°F or °C)
3) Press OK and the “hour” value will start to flash.
4) Use the up and down arrows to set the “hour” value.
5) Press OK and the “minute” value will flash.
6) Use the up and down arrows to set the “minute” value.
7) Press OK and the “day” value will flash.
8) Use the up and down arrows to set the “day” value.

Fig. # 37

9) Press ok to end the initial set up.

Childproof Lock

An additional feature of this remote control is the childproof lock. To activate this system press and hold the timer and thermostat buttons for approx. 5 seconds until the “lock” symbol appears on the remote display. (Fig. #37) The remote control hand set buttons are now locked and the lock symbol will reappear every time a button is pressed on the remote control until the timer and thermostat buttons are pressed and held again.

Note: The fireplace can still be operated normally using the wall control even with the remote control buttons locked.

Control System - Operation

Each Town and Country Maestro Control system comes equipped with a manual mode on the wall control and hand held remote, and three programmable modes accessible with the hand remote.

Fig. # 38

Manual Mode
(on remote and wall control)

Basic operation of the fireplace can be performed with the wall control or remote hand set. (ON/OFF, as well as flame modulation UP/ DOWN).

The center button on the remote control can be used to turn the fireplace ON and OFF. With the fireplace off, press the center button to turn it on. (The “MAN” and flame icons will be displayed on the screen) A second push will turn it off. (The “MAN” and flame icons will disappear from the screen)

When the fireplace is on, the up and down buttons located above and below the center button are used to modulate the flame height. (Fig. #38)

Countdown Timer Mode
(Operates the fireplace for a preset length of time)

1) Press the timer button and the time will flash on the lower center of the display. (Fig. #39)
2) When display is flashing, use the up and down arrows to set the length of time you would like the fireplace to run. (The range is 10 minutes minimum to 180 minutes maximum). (Fig. #41)
3) Press the OK button and the timer is set and the control is in countdown timer mode.
4) To exit the timer mode press the Program, Manual or Thermostat buttons. Please note that the first press of the Manual button will turn the fireplace off.

Program Mode
(to preset up to two on and off periods per day)

The program mode has two settings for weekdays and two for weekends. The hand held remote comes with the following pre programmed settings:

Fig. # 39

Fig. # 40

Fig. # 41

Weekday Program
(Monday through Friday)

Program one (P1) turns ON at 7:00am and turns OFF at 8:00am
Program two (P2) turns ON at 5:00pm and turns OFF at 7:00pm

Weekend Program
(Saturday and Sunday)

Program one (P1) turns ON at 9:00am and turns OFF at 10:00am
Program two (P2) turns ON at 6:00pm and turns OFF at 9:00pm

Activate the programs by pressing the program button on the lower left hand side of the remote hand set. (Fig. #41)
To customize these setting:

1) Hold the program button down until the display flashes. (P1, weekday ON time - [Fig. #42])
2) Use the up and down buttons to change the time to the desired ON time.
3) By pressing the OK button, the P1 weekday OFF time will flash.
4) Use the up and down buttons to set the desired OFF time.
5) Press the OK button and the P2 weekday ON time will flash.

Fig. # 42

6) Repeat the process to set the P2 weekday, P1 weekend and P2 weekend programs.
7) When the P2 OFF time is set and the OK button is pressed the display will stop flashing and the remote will be in program mode.

The program settings are now stored in the remote handset and will not change unless the above process is repeated or the batteries are removed from the handset.

To switch out of program mode, simply press one of the manual, timer or thermostat mode buttons. Please note that if the manual button is pressed it will turn the fireplace off.

Thermostatic Mode (Only for use where permitted)
(Operates the fireplace within a set temperature range)

The fireplace is shipped with thermostatic mode function deactivated. If this function is permitted for use in your area it can be activated by depressing the recessed button on the **underside of the hand held remote**. (Fig. #43) Once activated, the thermostat symbol (Fig. #44) will be displayed when the thermostat button is pressed

To activate a set point temperature:

1) Press the thermostat button on the lower right hand side of the hand held remote to activate the thermostat mode. (Fig. #45) The temperature and thermostat symbols will appear.
2) Press and hold the thermostat button for 5 seconds. The temperature icon on the display will flash. (Fig. #46)
3) While the temperature icon is flashing use the up and down arrows to set the temperature to the desired setting.
4) Once the desired setting is reached, press the OK button. If the OK button is not pressed the icon will continue to flash for 5 seconds and then set itself to the temperature displayed.
5) The fireplace is now in thermostatic mode. To exit the thermostatic mode press the program, manual or timer buttons. Please note that the first press of the manual button will turn the fireplace off.

Fig. # 43

Fig. # 44

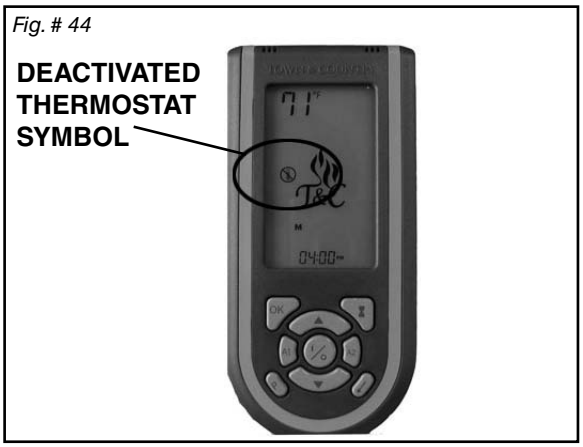


Fig. # 45

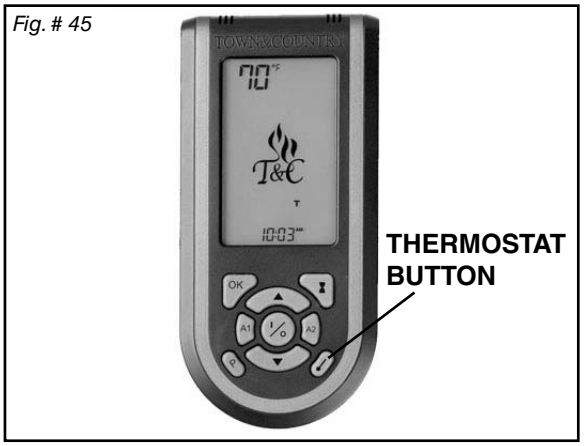


Fig. # 46

VENTING

Before installing venting for this unit, the installer should read these instructions to insure that the proper vent configuration has been selected.
Use only Town and Country Termination kits #:
TCVT.WTA - Wall Termination Kit
TCVT.RTA - Roof Termination Kit

Vent system components approved for use with the Town and Country Fireplace are shown in Fig. #49.

Various combinations of vertical and horizontal runs may be used. Refer to Fig. #52 and 53 for details. For optimum performance and flame appearance, keep the vent length to a minimum and limit the number of elbows. Connections between each vent system component must be tightly joined, secured with sheet metal screws and sealed. A horizontal run of vent should have a 1/4" rise for every 1 ft. of run towards the termination.

CAUTION: UNDER NO CONDITION SHOULD COMBUSTIBLE MATERIAL BE CLOSER THAN 1 3/4 INCHES FROM THE SIDES AND BOTTOM AND 1 3/4 INCHES FROM THE TOP OF A HORIZONTAL SECTIONS OF THE VENT PIPE AND 1 3/4 INCHES FROM A VERTICAL SECTION OF PIPE.

WALL TERMINATION VENTING

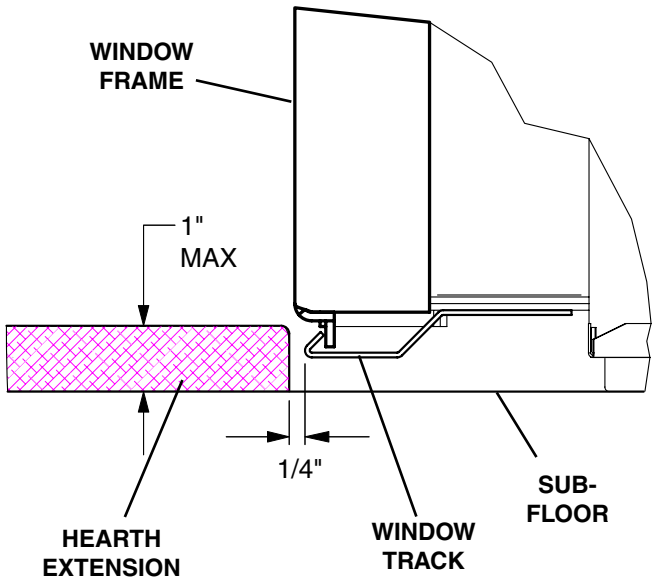
Exterior wall opening:
Determine the exact position of the fireplace so that the vent pipe is centred (if possible) between two building framing members. Consult your local building codes prior to proceeding. The vent kit will accommodate up to a maximum wall thickness of 12 inches.

1) Having determined the position of the fireplace, cut and frame a 14-1/2 inches opening centred at a minimum height of 74-1/4 inches above the floor. The opening may be round or square. Height of the opening will vary with each installation. As the horizontal vent run increases, so does the minimum vertical rise (see Fig. #52).

IMPORTANT: When locating the opening, it should be noted that vent terminal clearances must be maintained. See "Vent Terminal Clearances" section for proper clearances.

A minimum 2 foot length of pipe is required for any wall termination. With this minimal vertical rise in combination with a 90° elbow, a maximum horizontal run of 18 inches is permitted (see Fig. #52 and 53). For longer horizontal runs greater than 18 inches, increase vertical rise appropriately. The rise and run must be constrained to the boundaries of the chart shown in fig. #52. The horizontal run of vent should have a 1/4" rise for every 1 ft. of run towards the termination.

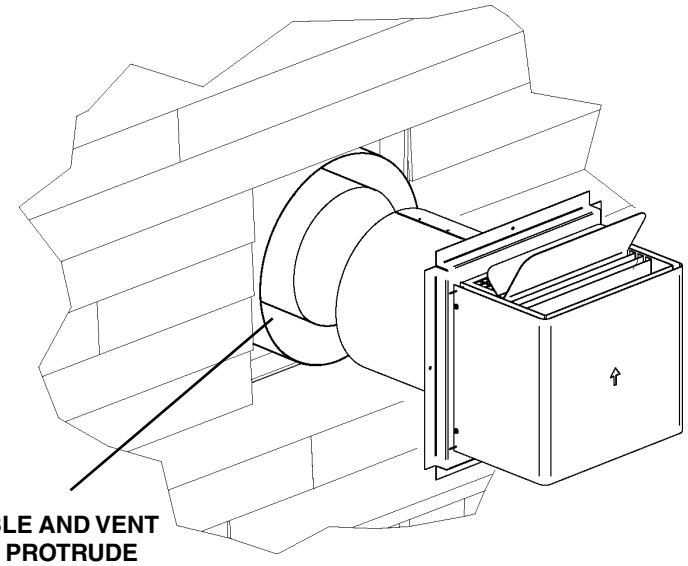
Fig. # 47



HEARTH EXTENSION

While a hearth extension is not required for this fireplace, one is recommended for aesthetic reasons. The hearth extension should be noncombustible and must not be any more than 1" above the bottom of the fireplace. If thicker, fireplace must be raised up accordingly.
Caution: Hearth extensions thicker than 1" will interfere with the window frame.

Fig. # 48



WALL THIMBLE AND VENT MUST NOT PROTRUDE BEYOND SIDING

Wall thimble:

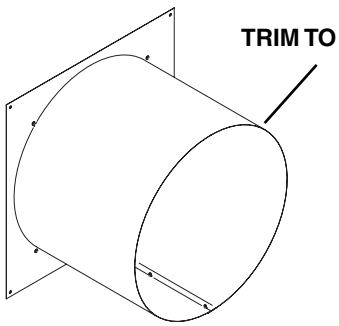
Where a vent pipe passes through a combustible wall, a wall thimble/shield must be used to retain insulation and maintain proper clearances. The wall thimble may be cut to length for various wall thicknesses up to 12" thick.

Measure the wall thickness including the siding. Trim the shield to match the wall thickness. Position the wall thimble from inside through the 14-1/2" opening. Properly trimmed, the thimble should be flush with the outer wall surface.

Fig. # 49

Vent System Components	**Town & Country**
12" Pipe Length	TCVT.811X12
18" Pipe Length	TCVT.811X18
24" Pipe Length	TCVT.811X24
48" Pipe Length	TCVT.811X48
12" Adjustable Pipe Extension	TCVT.811X12ADJ
45° Elbow	TCVT.811XLB45
90° Elbow	TCVT.811XLB90
Wall/Offset Support	TCVT.811XOS
Wall Termination Kit	TCVT.WTA
Roof Termination Kit	TCVT.RTA
Wall Shield/Ceiling Firestop	TCVT.THIMA
Roof Flashing, Adjustable	TCVT.811FLADJ
Roof Flashing, Flat	TCVT.811FLFLT
Roof Flashing, Steep	TCVT.811FLSTP
	or any that fits 11" pipe

Fig. # 50



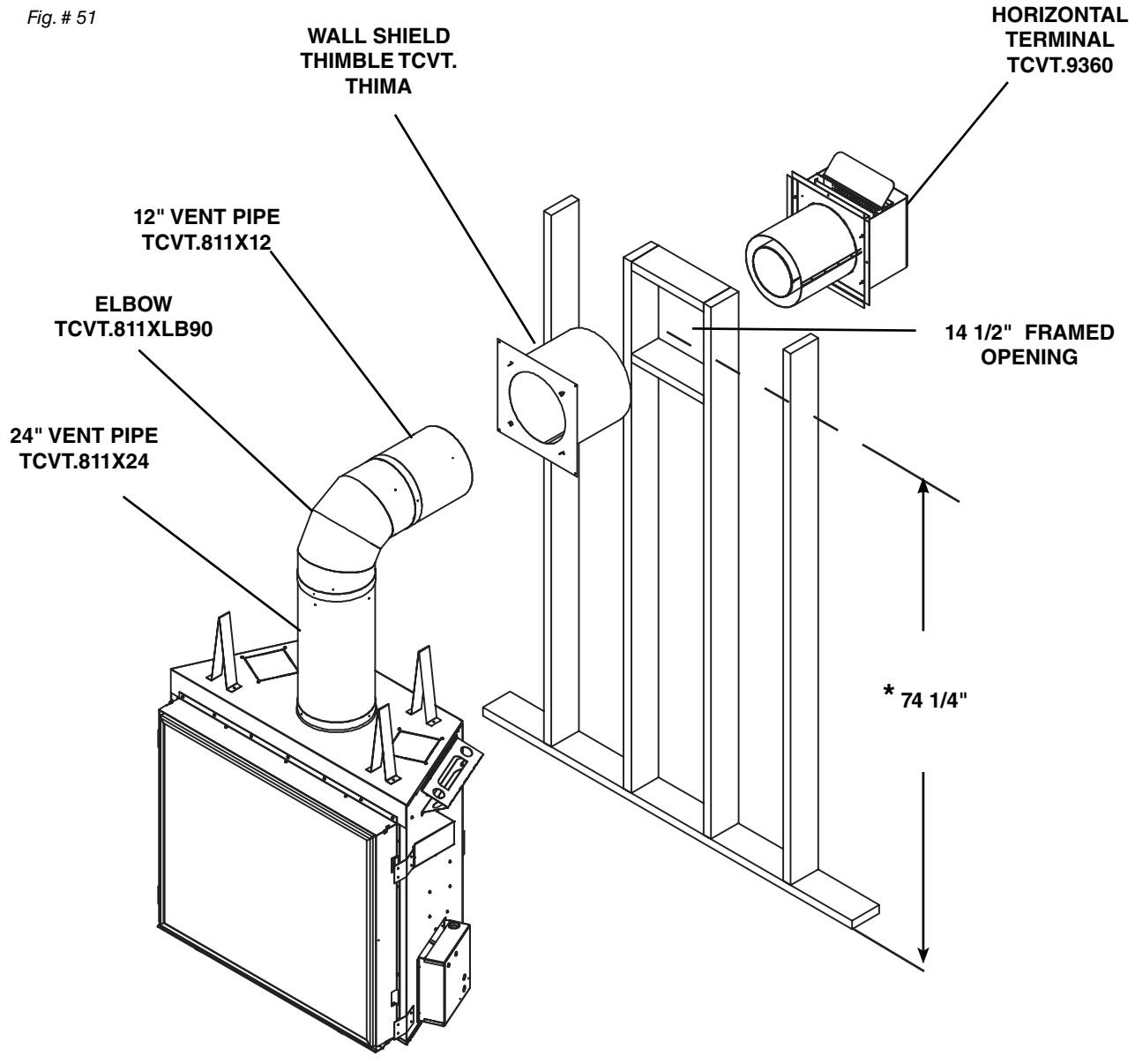
Vent pipe:
Install vent pipe through the wall thimble and attach to flue outlet collar on top of the fireplace. Secure all joints with screws and seal with approved "High Temp." self-adhesive aluminum tape provided.

The fireplace position may need to be adjusted to ensure that the vent pipe does not protrudes beyond the outer wall or be recessed any more than 12 inches.

Wall vent terminal:
1) Engage the 8" vent collar with the vent pipe and slide terminal into place. Attach the terminal to the outside wall. **The vent terminal must not be recessed into the exterior wall or siding.**
2) Caulk in place to prevent any moisture entering the building.

NOTE: MINIMUM CLEARANCES TO THE VENT TERMINAL MUST BE MAINTAINED (see Fig. #52).

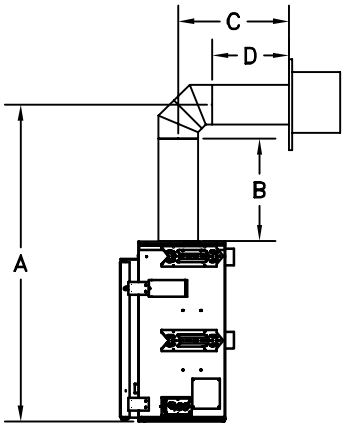
Fig. # 51



*** Minimum height from the floor to center of the opening with a maximum horizontal run of 18" using TC vent. The height will need to be increased with a longer horizontal run.**

WALL TERMINATION VENTING CHART

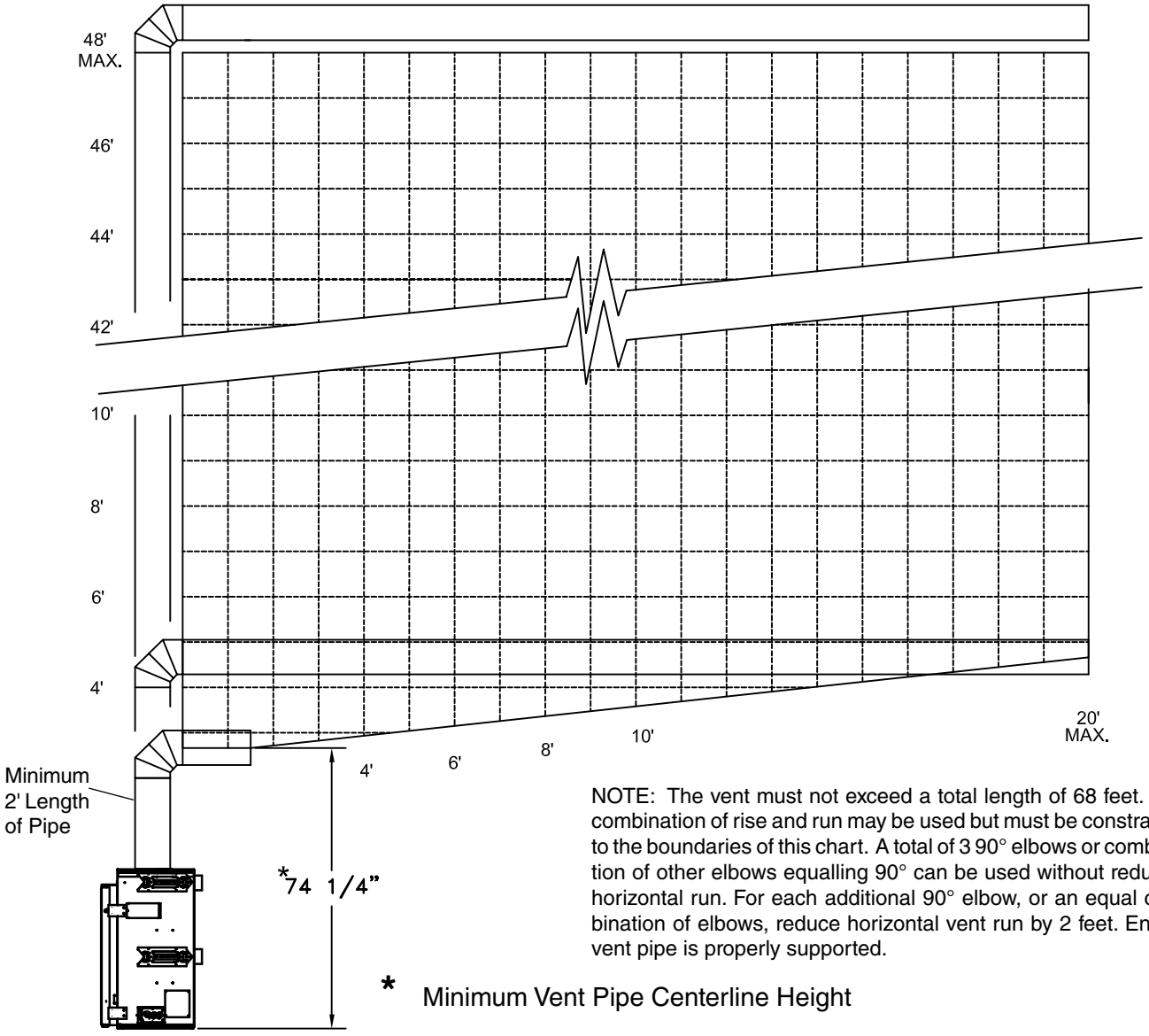
Fig. # 52



**

A Minimum rise	B Pipe length	C Maximum run	D Pipe length Maximum
74 1/4”	1-24”	18"	1-12"
78 1/2”	1-12" 1-18"	75 3/4"	1-48" 1-12"
84 1/2”	1-24" 1-12"	11' 2"	2-48" 1-24"
90 1/2”	1-24" 1-18"	15' 10 1/2"	3-48" 1-24" 1-12"
98 1/4”	1-48”	20’ 10 1/2”	5-48"
For other rise/run combinations see chart below			

**** All dimensions are approximate. Both rise and run may vary with different combinations of pipe.**

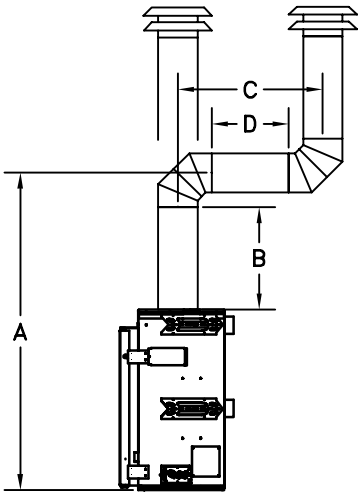


NOTE: The vent must not exceed a total length of 68 feet. Any combination of rise and run may be used but must be constrained to the boundaries of this chart. A total of 3 90° elbows or combination of other elbows equalling 90° can be used without reducing horizontal run. For each additional 90° elbow, or an equal combination of elbows, reduce horizontal vent run by 2 feet. Ensure vent pipe is properly supported.

* Minimum Vent Pipe Centerline Height

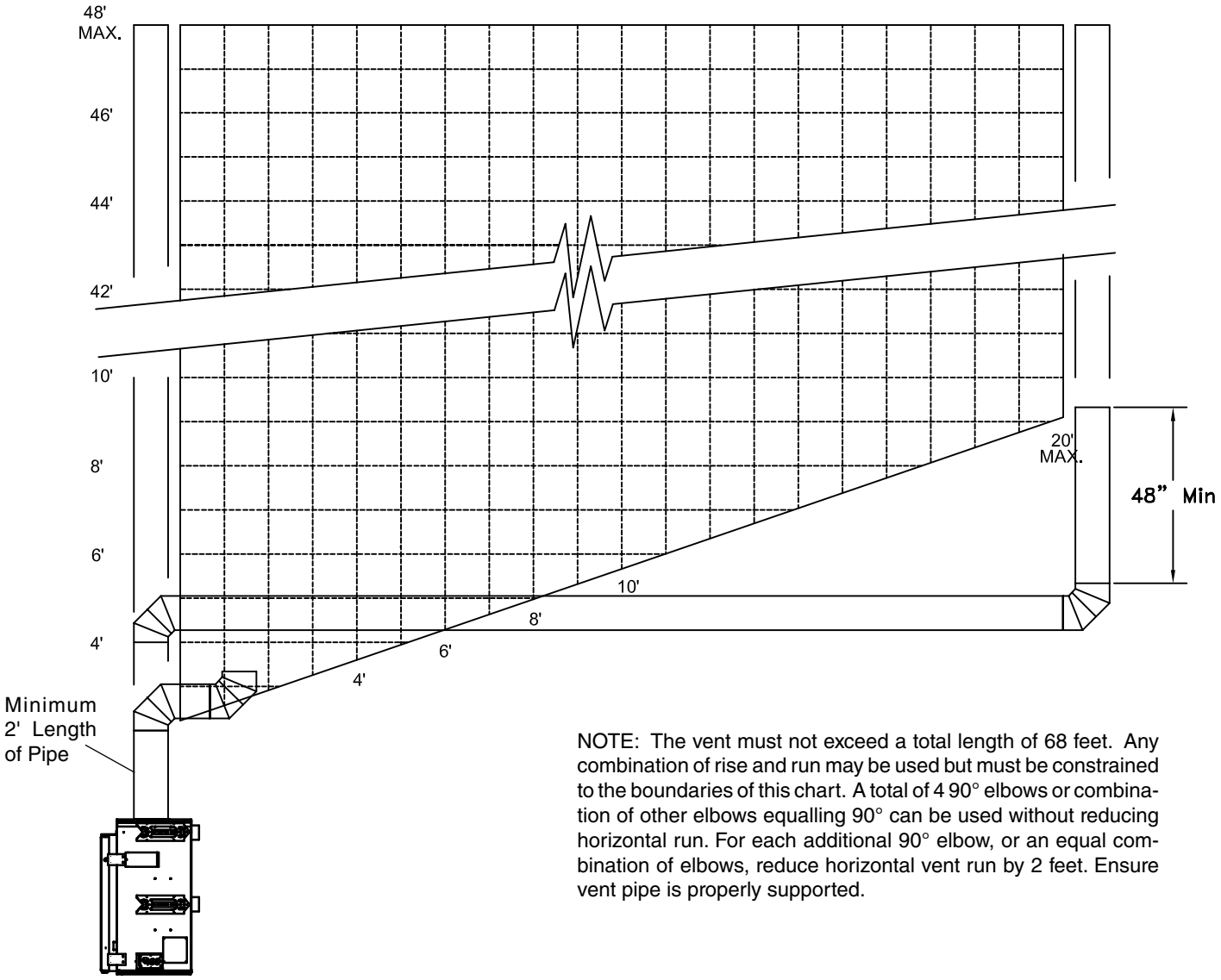
ROOF TERMINATION VENTING CHART

Fig. # 53



A Minimum rise	B Pipe length	C Maximum run	D Pipe length Maximum
74 1/4”	1-24”	29"	1-12"
78 1/2”	1-12" 1-18"	77 1/4"	1-48" 1-12"
84 1/2”	1-24" 1-12"	11' 1 1/2"	2-48" 1-24"
90 1/2”	1-24" 1-18"	15' 10"	3-48" 1-24" 1-12"
98 1/4”	1-48”	20' 10”	5-48"
For other rise/run combinations see chart below			

**** All dimensions are approximate. Both rise and run may vary with different combinations of pipe.**



NOTE: The vent must not exceed a total length of 68 feet. Any combination of rise and run may be used but must be constrained to the boundaries of this chart. A total of 4 90° elbows or combination of other elbows equalling 90° can be used without reducing horizontal run. For each additional 90° elbow, or an equal combination of elbows, reduce horizontal vent run by 2 feet. Ensure vent pipe is properly supported.

ROOF TERMINATION VENTING

Ceiling and Roof opening:

1) Determine the exact position of the fireplace so that the vent pipe is centered (if possible) between two building framing members. Lay out the vent system path, minimizing the number of elbows and length of vent. Consult your local building codes prior to proceeding.

2) Cut and frame a 14-1/2" opening in the floor, ceiling and roof where the vent system will pass. Size of the opening through the roof may need to be increased as the pitch of the roof increases. Avoid cutting rafters.

Ceiling firestop:

Where a vent pipe passes through a floor or ceiling, a ceiling firestop must be used to retain insulation and maintain proper clearances.
From below, push the ceiling firestop through the opening and secure in place. If the firestop is used to penetrate a floor, the outer shield may be trimmed in length. If the firestop penetrates into an attic, leave the shield full length to keep insulation away from the vent pipe. Additionally, after the vent pipe is in place, install a storm collar on top of the shield. This will prevent loose insulation from falling into the area between the vent pipe and the shield.

Fig. # 54

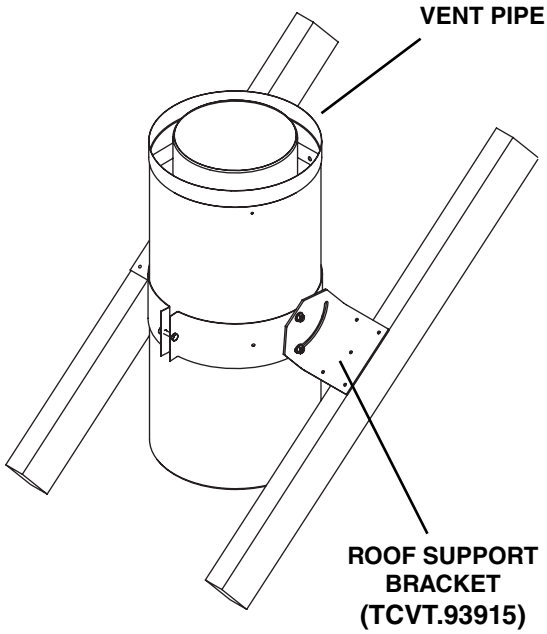
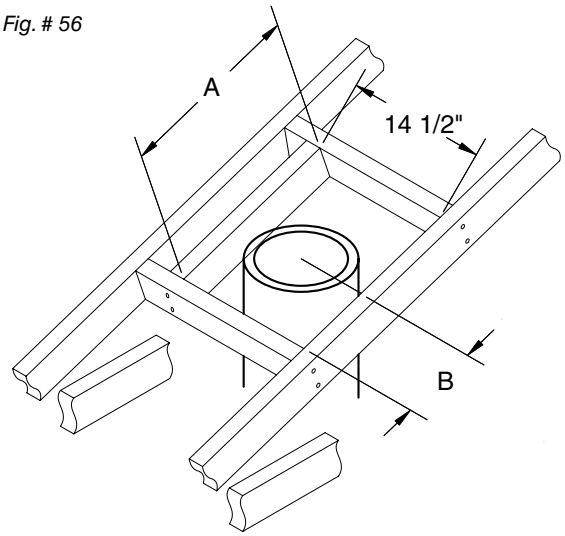


Fig. # 56



Size of the opening will have to increase with the pitch of the roof to ensure a 1 3/4 inch air space clearance between support sleeve and combustibles. Additional space may need to be provided if the side air intake box is attached prior to installation.

Roof Pitch	A	B
0/12	14 1/2"	7 1/4"
4/12	16 1/2"	8 3/4"
6/12	18"	10"
8/12	19 3/4"	11"
12/12	24"	13 3/4"

Vent pipe:

1) Install the first section of vent pipe onto the collar on top of the fireplace. Secure in place with screws and seal with approved "High Temp." self-adhesive aluminum tape provided.

2) Continue adding vent pipe lengths up and through the firestop(s) and through the roof. The vent pipe must extend at least 24" above the roof.

Seal the vent pipe as per "Vent Pipe Sealant" section.

Roof support bracket:

Slip the roof support bracket down over the vent pipe. Rotate the 90° brackets to accommodate roof pitch. Attach the brackets to the roof joists with nails or building screws. Tighten the band around the vent pipe and secure in place with screws.

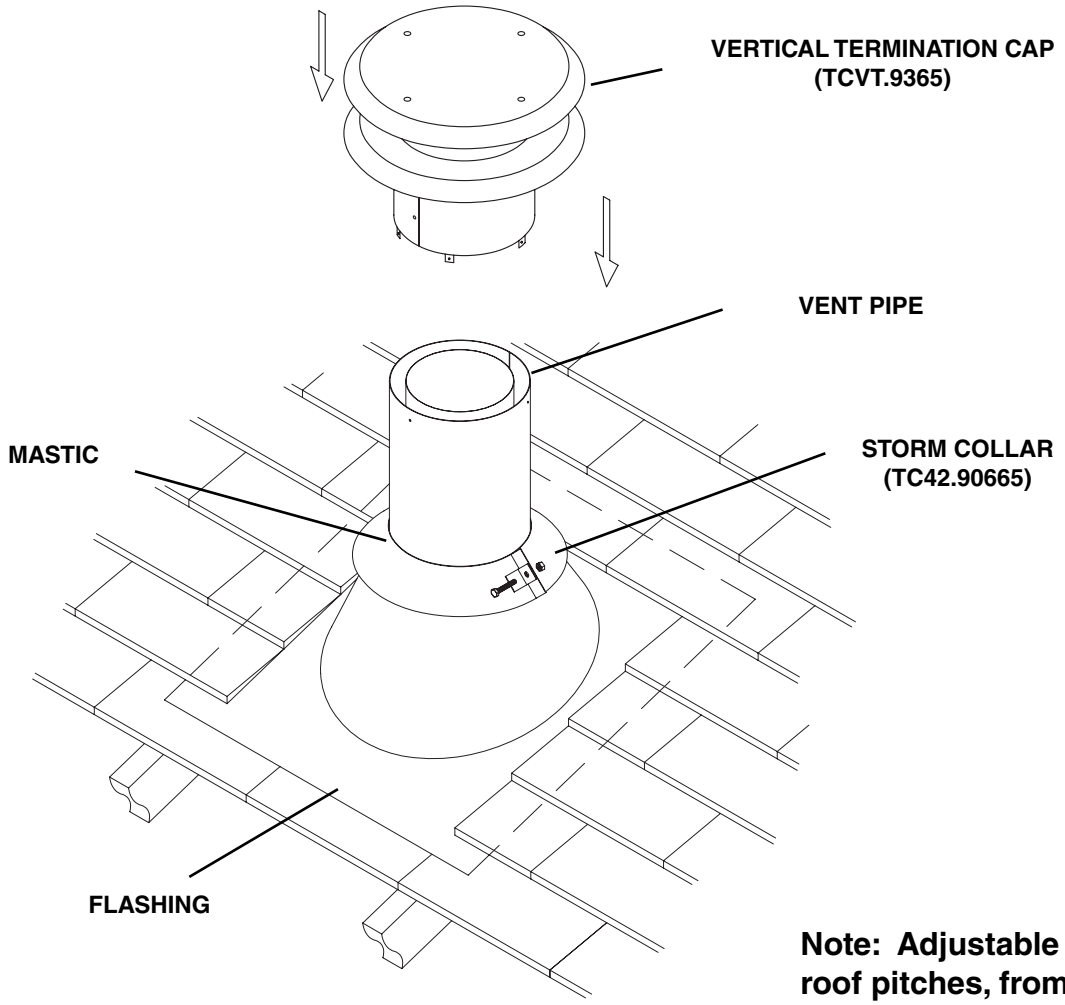
Roof vent terminal:

1) Place the roof flashing over top of the vent pipe and nail securely to the roof using roofing nails, top and sides UNDER shingles, lower end OVER shingles to provide a watershed. Make weather tight by sealing with roofing compound (see Fig. #57).

2) Place the storm collar down over the vent pipe until it is level. Tighten storm collar for a snug fit. Apply a thick horizontal ring of mastic around the pipe at top of storm collar (see Fig. #57).

3) Lower the roof vent terminal cap over the vent pipe and secure in place with screws provided (see Fig. #56). Seal screw heads and joint with caulking to prevent any moisture entering the venting system.

Fig. # 56



Note: Adjustable for various roof pitches, from flat roof to 12/12 pitch roof.

VENT TERMINAL CLEARANCE

Minimum clearances to the vent terminal must be maintained as shown in Fig. #57 and 58. Measure clearances to the nearest edge of termination hood.

NOTE: Vent terminal must not be recessed into a wall or siding.

NOTE: LOCAL CODES OR REGULATIONS MAY REQUIRE DIFFERENT CLEARANCES.

Fig. # 57

VENT TERMINAL MINIMUM CLEARANCES TO ADJACENT STRUCTURES

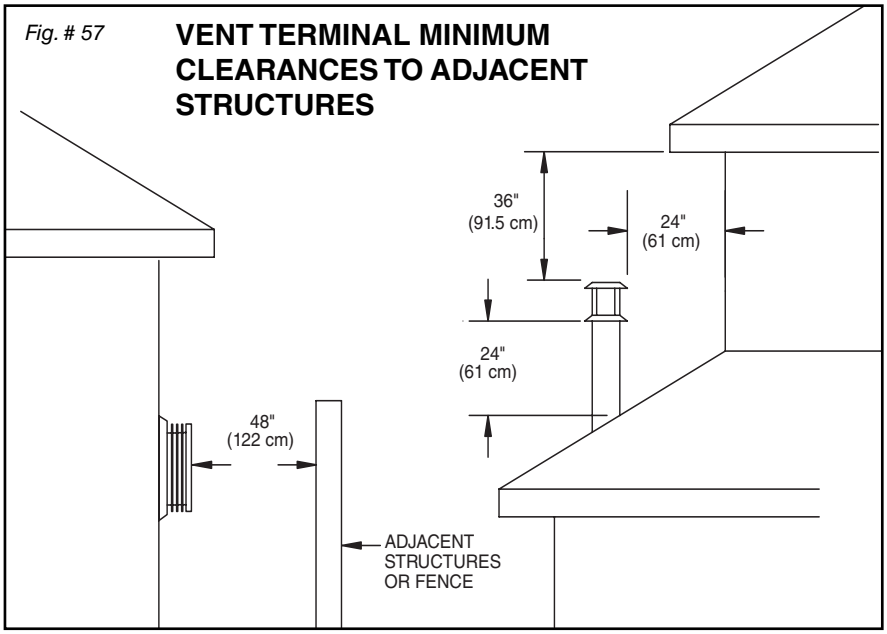
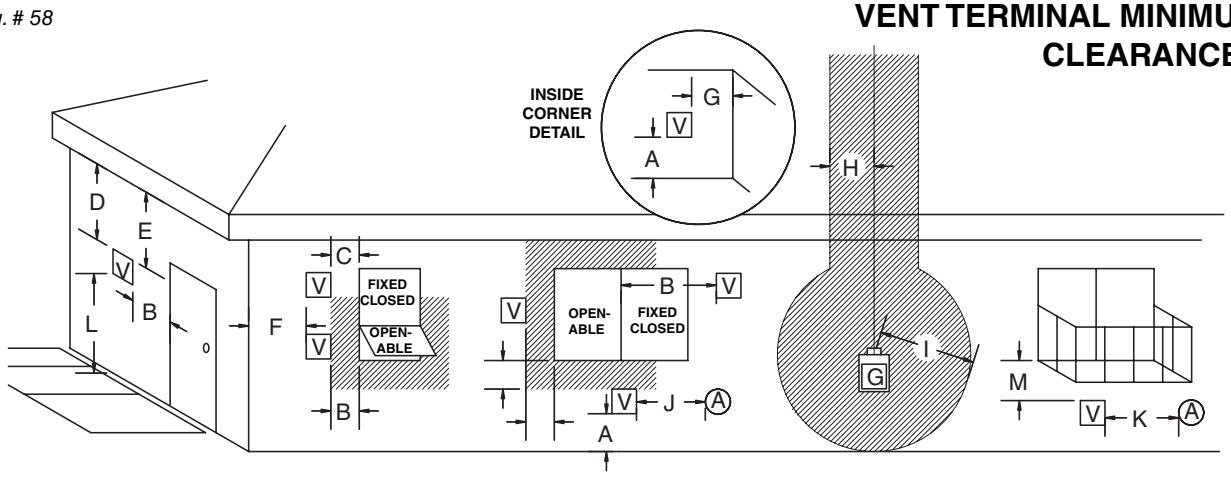


Fig. # 58

VENT TERMINAL MINIMUM CLEARANCES



V VENT TERMINAL

Ⓐ AIR SUPPLY INLET

AREA WHERE TERMINAL IS NOT PERMITTED

G GAS METER

A= clearances above grade, veranda, porch, deck, or balcony [* 12 inches (30 cm) minimum]
B= clearance to window or door that may be opened [* 12 inches (30 cm) minimum]
C= clearance to permanently closed window [minimum 12 inches (30 cm) recommended to prevent condensation on window]
D= vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet (60 cm) from the center-line of the terminal [30 inches (76 cm) minimum]
E= clearance to unventilated soffit [30 inches (76 cm) minimum]
F= clearance to outside corner [6 inches (15 cm) minimum]
G= clearance to inside corner [6 inches (15 cm) minimum]
H= * not to be installed above a meter/regulator assembly within 3 feet (90 cm) horizontally from the center-line of the regulator
I= clearance to service regulator vent outlet [* 6 feet (1.8 m) minimum]
J= clearance to nonmechanical air supply inlet to building or the combustion air inlet to any other appliance [* 12 inches (30 cm) minimum]
K= clearance to a mechanical air supply inlet [* 6 feet (1.8 m) minimum]
L= ^ clearance above paved side-walk or a paved driveway located on public property [* 7 feet (2.1 m) minimum]
M= clearance under veranda, porch, deck, or balcony [30 inches (76 cm) minimum**]

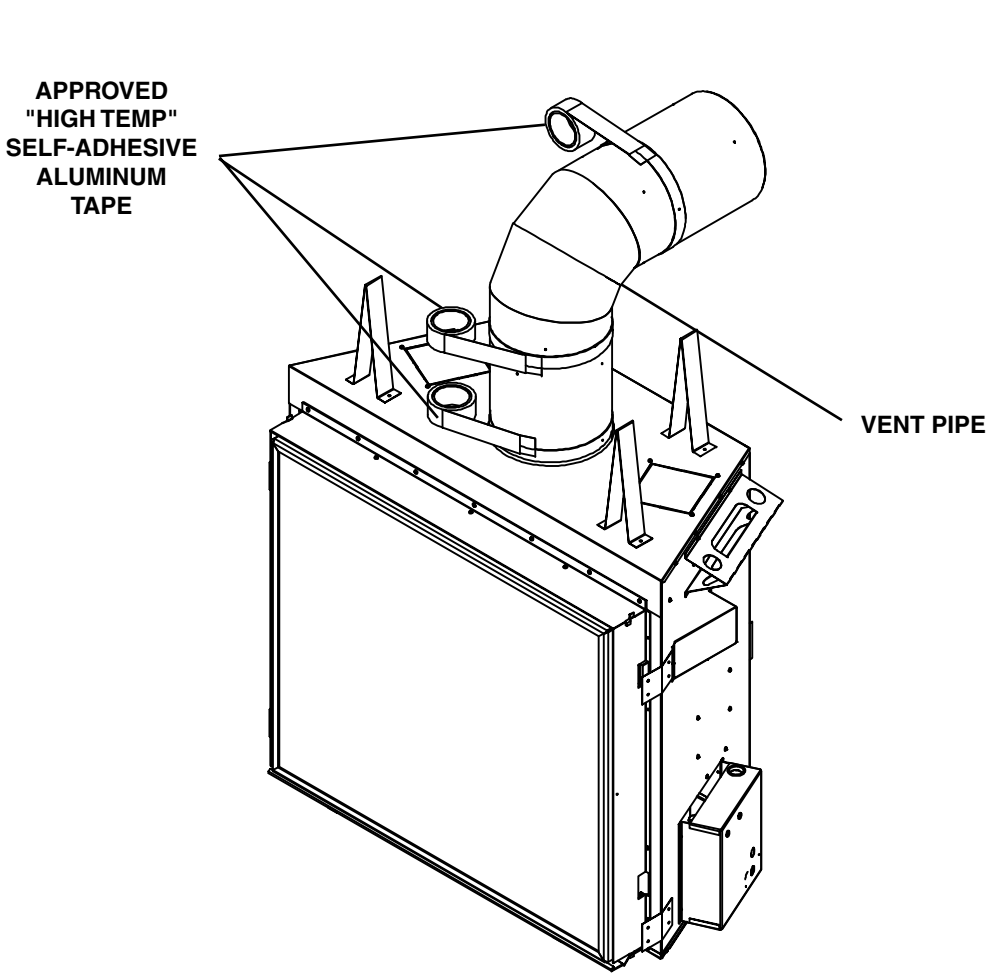
^ a vent shall not terminate directly above a side-walk or paved driveway which is located between two single family dwellings and serves both dwellings*
** only permitted if veranda, porch, deck, or balcony is fully open on a minimum of 2 sides beneath the floor*
* as specified in CGA B149 Installation Codes, Note: local Codes or Regulation may require different clearances
* for U.S.A. Installations follow the current National Fuel Gas Code, ANSI Z223.1

VENT PIPE SEALANT

(supplied with the appliance)

All outer joints of the vent pipe must be sealed with the approved "High Temp." self-adhesive aluminum tape provided. Wrap the tape completely around the joint and press firmly in place.

Fig. #59



VENT RESTRICTOR ADJUSTMENT

The vent restrictor is located on the underside of the firebox top. The unit leaves the factory with the vent restrictor wide open. The restrictor is built into the appliance for secondary air flow adjustment. Adjustment enables tuning the airflow for optimum flame appearance and performance for a wide variety of vent configurations.

Setting:
- determine the vent height
- determine the vent horizontal length
- from the chart determine the restrictor position

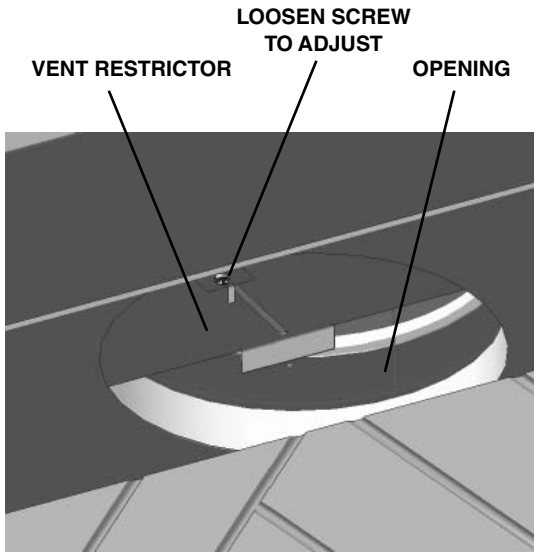
Refer to the chart in Fig. #61 for the correct position of restrictor for the vent configuration of your installation. Restrictor positions are based upon lab tests. The ideal position may vary slightly with installation.

Restrictor position is closed too much if the flame has the following characteristics:
- Flame is excessively tall and lifting.
- Flame lacks movement.
- Flame soots.

Restrictor position is open too much if the flame has the following characteristics:
- Flame height is low.
- Flame has excessive movement.

To adjust the restrictor:
- Loosen the screw holding the restrictor.
- Push the restrictor back to its intended opening.
- Tighten the screw

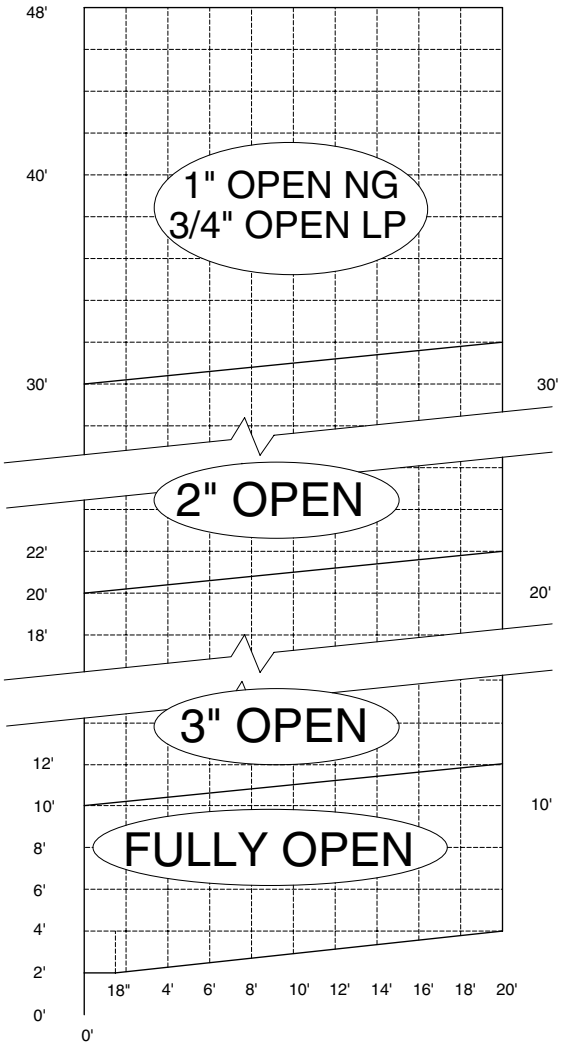
Fig. # 60



SHOWN WITH REAR BRICK PANEL IN PLACE

Fig. # 61

WALL AND ROOF TERMINATION RESTRICTOR POSITION



MANUFACTURED (MOBILE) HOME

In some jurisdictions, the Town & Country Fireplace may be installed in Manufactured Homes after the "first sale". **Consult local codes for approval.** The fireplace must be fastened in place.

Install in accordance with the current standard Mobile Homes, CAN/CSA Z240 MH (in CANADA), and the Manufacturer's Home Construction and Safety Standard, Title 24 CFR, Part 3280 or the current Standard for Fire Safety Criteria for Manufactured Home Installations, Sites and Communities ANSI/NFPA 501A (in the U.S.A.).

GAS SUPPLY

Caution: The gas line should be installed by a qualified service person in accordance with all building codes. This section is intended as a guide for qualified technicians installing this appliance. Consult local and/or national building codes before proceeding.

A gas supply line access hole is located at the bottom right side of the Control Box. Gas valve inlet accepts a 3/8" N.P.T. fitting. Correct gas line diameter must be used to assure proper operation.

The gas control is equipped with a capture screw type pressure test port, therefore it is not necessary to provide an 1/8 inch N.P.T. plugged tapping pressure port for checking gas pressure immediately upstream of the gas supply connection to the appliance.

WINDOW FRAME REMOVAL

Warning: Turn off the fireplace, and allow ample time for the unit to cool before proceeding.
Caution: The ceramic glass is very fragile, and should be handled with care.

The window frame is held in place by two spring-loaded latches and are operated by a removable handle. The handle is located in the Control Box.

1) Insert the latch handle onto the catch located 6" down from the top corners. Rotate up to disengage each of the two catches.
2) Tilt the top of the window frame out to clear the top edge of the unit. Grasp the sides of the frame and lift up and out to disengage from its bottom track.
3) Place the window frame in a safe place to avoid damage.

Reassemble in reverse order.

Fig # 62

Correct gas pressure requirement:

	Natural Gas	Propane
Min. Pressure (For purpose of input adjustment)	**5.0" wc**	**12.5" wc**
Max. Pressure	**13.9" wc**	**13.9" wc**
Manifold Pressure		
Maximum	**3.8" wc**	**11.0" wc**
Minimum	**1.75" wc**	**5.5" wc**

Fig # 63

BRICK PANELS INSTALLATION

(HERRINGBONE ..... TCPN.547)
(TUSCAN ..... TCPN.548)
(HERITAGE RED..... TCPN.552)

For porcelain panel kit (TCPN.549) installation see instructions provided with panel kit.

A Firebox Panel Set has to be installed for safe operation. Do not use the fireplace without panels Unpack and inspect all panels. The panels need to be installed before the logs are in place.
Caution: The Brick Panels are very fragile, and should be handled with care.

1) Remove the Side Panel Retainers located on the underside of the upper firebox heatshield. The retainers are each held in place by one screw.
2) Install the Lower Rear Panel.
3) Install the Left Side Panel by inserting the bottom of the panel in first and then angling it up into position. It may be necessary to push the upper firebox shield up to allow panel to move freely into place.
4) Install the Right Side Panel using the same technique as the left.

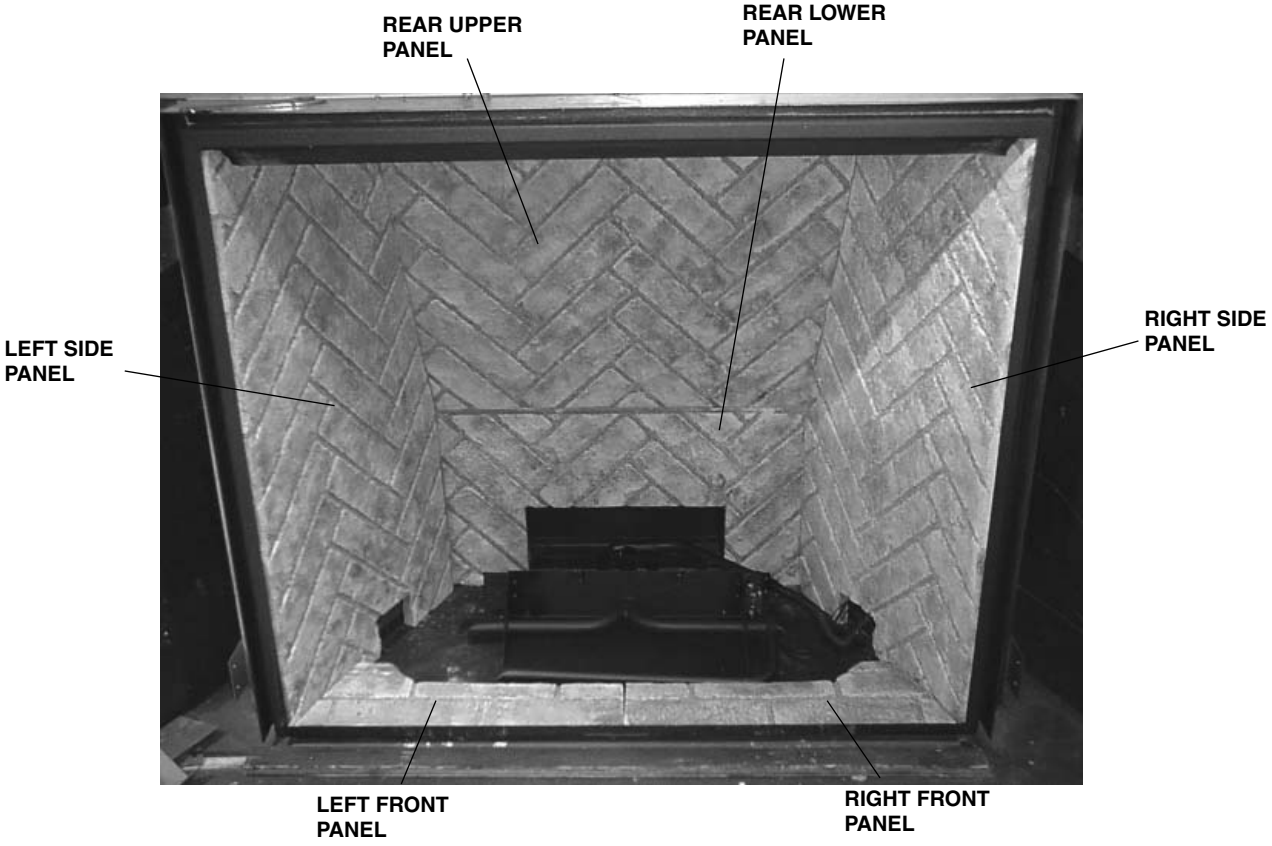
The rear panel is held tight against the side panels by two "V" brackets located on the firebox rear wall. Although the brackets are adjusted at the factory for the best fit, some adjustment may be necessary. Adjust the angle of the bracket by hand to ensure a snug fit.

Fig. # 65

5) Install the Rear Upper Panel.
6) Re-install the Side Panel Retainers.
7) Install the Left and Right Front Panels.

Fig. # 64

HERRINGBONE PANEL SET SHOWN



LIGHTING INSTRUCTIONS

FOR YOUR SAFETY READ BEFORE LIGHTING

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

A. This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.

B. BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
WHAT TO DO IF YOU SMELL GAS:
- Do not try to light any appliance.
- Do not touch any electric switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.

D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance & to replace any part of the control system & any gas control which has been under water.

LIGHTING INSTRUCTIONS

1. **STOP! Read the safety information above on this label.**
2. **Set wall switch/ hand held remote to lowest setting.**
3. **This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.**
4. **Push the "On/ Off" switch to the fireplace Off.**
5. **Allow sufficient length of time (minimum 5 minutes) for any gas in the combustion chamber to escape. If you still smell gas, STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.**
6. **Push the "On/ Off" switch to turn the fireplace on.**
   - If the burner does not light, repeat steps 4 through 6.
   - If the burner will not light or stay lit after several tries,push the "On/ Off" switch to the fireplace off and call your service technician or gas supplier.
   Note: Sufficient time must be allowed for air to escape from lines if the unit is being lit for the first time.
7. **Set fireplace to desired setting by using either the wall switch or hand held remote.**

TO TURN OFF GAS TO APPLIANCE

1. **Set wall switch / hand held remote to lowest setting.**
2. **Push the "on/ off" switch to the "Off" position.**
3. **Turn off all electric power to the appliance and remove backup batteries if service is to be performed or for extended shutdown.**

Due to high surface temperatures, keep children, clothing and furniture away. Keep burner and control compartment clean. See installation and operating instructions accompanying the appliance.
A cause de la temperature elevee des parios, tenir eloignes les enfants, les vetements et les meubles. Maintenir propres le bruleur et le compartiment de commande. Voir les instructions relatives a l'installation et au fonctionnement qui accompagnent l'appareil.

CAUTION: Hot while in operation. Do not touch. Severe burns may result. Keep children, clothing, furniture, gasoline and other liquids having flammable vapours away. Keep burner and control compartment clean. See installation and operating instructions accompanying the appliance.

ATTENTION: L'appareil est chaud lorsqu'il fonctionne. Ne pas toucher l'appareil. Risque de brûlures graves. Serveiller les enfants. Garder les vêtements, le meubles, l'essence ou autres liquides produisant des vapeurs inflammables loin de l'appareil. S'assurer que le brûleur et le compartiment des commandes sont propres. Voir les instructions d'installation et d'utilisation qui accompagnent l'appareil.

310106 5051.173 5-TC30

FIRST FIRE

When lit for the first time, the fireplace will emit a slight odour for a couple of hours. This is due to the curing of paints, sealants and lubricants used in the manufacturing process. This condition is temporary. Open doors and windows to ventilate area. Smoke and fumes caused by the curing process may cause discomfort to some individuals.

It is normal for fireplaces fabricated of steel to give off some expansion and/or contraction noises during the start up or cool down cycle. Similar noises are found with your furnace heat exchanger or cook stove oven.

APPENDIX A

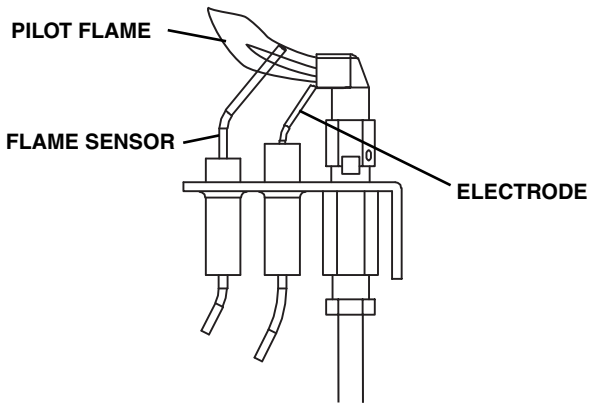
MAINTENANCE

Caution: Turn off gas and electrical power supply (if applicable) and allow ample time for unit to cool before servicing appliance. It is recommended that the fireplace and its venting should be inspected at least once a year by a qualified service person.

Glass Panel:
Warning: Do not operate fireplace with glass panel removed, cracked or broken. Replacement of the glass panel should be done by a licensed or qualified service person.
Do not strike or otherwise impact the glass in anyway that may cause it to break. If the glass becomes cracked or broken, it must be replaced before using the fireplace. Replacement glass can be obtained from your nearest Town and Country Fireplaces™ dealer. The size required is 42" x 36" x 5mm. Use ceramic glass only. **Do not substitute with any other type.**
To remove broken glass, remove window frame as noted in "Window Frame Removal" section.
Unclip the Glass Retainer Clip located at the top of the Window Frame. Pull the top edge of the glass out of the frame first, then lift it up and out of the bottom edge.
Install the new piece of glass with the gasket into the frame so that the thicker bead of gasket faces the fireplace.

Fig. # 66

ELECTRONIC PILOT



Annual Inspection:

a) Remove glass panel and log set. Inspect logs and burner assembly for soot buildup. If excessive buildup of soot is present, have a qualified service person inspect and adjust unit for proper combustion. Clean logs and burner with a brush or vacuum cleaner, paying close attention to burner ports.

b) Check the pilot system for proper flame size and operation. Clean pilot free of soot, dust or any other deposits. (See Fig. #66)

c) Check that the vent pipe and vent terminal are open and free from blockage or debris. If the venting is disassembled for cleaning, it must be properly assembled and re-sealed. Refer to VENTING section for proper procedure.

d) Check glass panel gasket, replace if necessary. It is important that the glass seal be maintained in good condition.

e) Check and replace batteries as needed.

Note: The appliance area must be kept clear and free from combustible materials, gasoline and other flammable vapours and liquids.

Periodically:
a) Viewing glass may be cleaned as necessary with fireplace glass cleaner.

b) Exterior finish may be cleaned with mild soap and water.

CAUTION:
Do not use abrasive cleaners on glass or any other part of the fireplace.

Do not clean glass when hot.

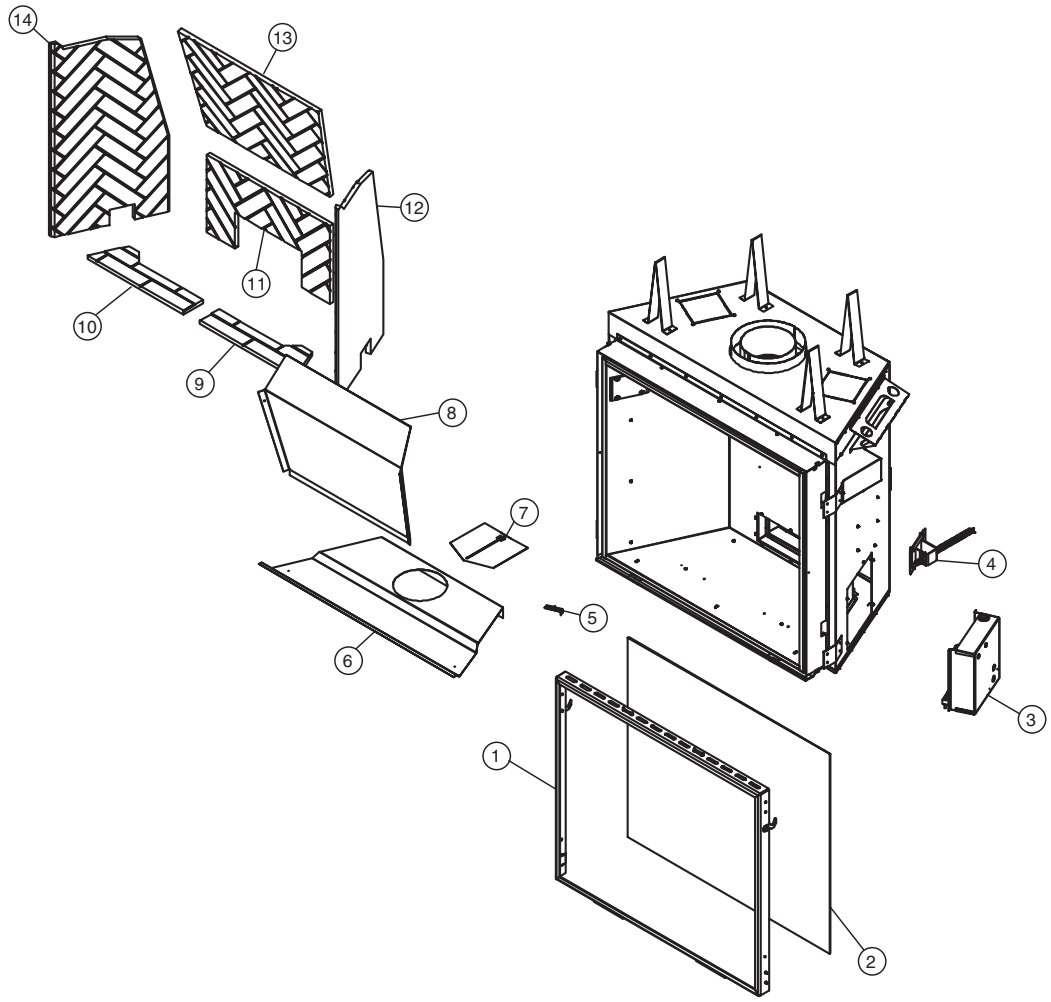
REPLACEMENT PARTS

(WHEN ORDERING, INCLUDE PART NUMBER WITH DESCRIPTION)

ITEM	DESCRIPTION	PART NO.
1	GLASS FRAME	TC42.9020
2	REPLACEMENT GLASS (c/w gasket)	GLAS.2086
	GLASS RETAINER, TOP (c/w gasket)	9050.001
	GLASS GASKET KIT	2086.1
	FRAME & GLASS ASSEM.	TC42.9020ASSY
3	CONTROL ASSEMBLY	TCCV.9270
4	SPRING LATCH ASSEMBLY	TC42.9024
	REMOVABLE LATCH HANDLE	5000.9028.A
5	BRICK PANEL RETAINER	1908.603
6	FIREBOX SHIELD (c/w insulation)	TC42.900401
7	FLUE DAMPER	9004.5
8	FIREBOX REAR SHIELD	9001.5
9	PANEL, RIGHT BASE, BRICK	5098.546
	PANEL, RIGHT BASE, TUSCAN	5098.5401
	PANEL, RT BASE, HERITAGE RED	5098.552.6
10	PANEL, LEFT BASE, BRICK	5098.545
	PANEL, LEFT BASE, TUSCAN	5098.54015
	PANEL, LT BASE, HERITAGE RED	5098.552.5
11	PANEL, LWR BACK, HERRINGBONE	5098.5462
	PANEL, LOWER BACK, TUSCAN	5098.5472
	PANEL, LW BACK, HERITAGE RED	5098.552.4
12	PANEL, RIGHT SIDE, HRGBONE	5098.5464.B
	PANEL, RIGHT SIDE, TUSCAN	5098.5474.B
	PANEL, RT SIDE, HERITAGE RED	5098.552.3.B
13	PANEL, UP. BACK, HERRINGBONE	5098.54625
	PANEL, UPPER BACK, TUSCAN	5098.5471
	PANEL, UP BACK, HERITAGE RED	5098.552.1
14	PANEL, LEFT SIDE, HRGBONE	5098.5463.B
	PANEL, LEFT SIDE, TUSCAN	5098.5473.B
	PANEL, LT SIDE, HERITAGE RED	5098.552.2.B
	PANEL SET, HERRINGBONE	TCPN.547
	PANEL SET, TUSCAN	TCPN.548
	PANEL SET, HERITAGE RED	TCPN.552

All parts may be ordered from your nearest Town and Country Fireplaces™ dealer. Contact Town and Country Fireplaces™ for the location of the dealer nearest you.

Fig. # 67



REPLACEMENT PARTS - MAESTRO CONCEALED VALVE

(WHEN ORDERING, INCLUDE PART NUMBER WITH DESCRIPTION)

ITEM	DESCRIPTION	PART NO.
1	CONTROL ASSEMBLY	TCCV.9270
I2	VALVE c/w FITTINGS	TCCV.500501
I3	WIRING HARNESS	5005.21
I4	1/4" FLEX TUBE	5019.225
I5	1/2" FLEX TUBE	5019.223
I6	CONTROL MOUNTING BRACKET	9271
I7	IGNITION MODULE	5005.2
I8	IGNITION/ SENSOR WIRES	TCCV.50625
I9	PRESSURE TEST ASSEMBLY	TC30.92145
I10	AC ADAPTOR	5005.03
11	BULKHEAD ASSEMBLY	TC30.9284
I12	INLET PLATE	9284
I13	INLET PLATE GASKET	5068.93147
I14	ELEC BULKHEAD GASKET	5068.9285
I15	1/2" BULKHEAD FITTING	5019.102
I16	1/4" BULKHEAD FITTING	5019,101
I17	ELEC BULKHEAD FITTING	5005.026
18	UTILITY BOX ASSEMBLY	TCCV.5024405
I19	UTILITY BOX	5024.405
I20	ELECTRICAL RECEPTACLE	5024.406
I21	COVER PLATE	5024.407
22	BATTERY HOLDER	5005.043
23	WALL SWITCH COVER PLATE	5005.042
24	WALL SWITCH	5005.041
25	25' COMMUNICATION CABLE	5005.06
26	WING NUT	5049.3
27	CONTROL BOX WELDED ASM.	TCCV.9270WLD
28	TEST FITTING	5019.104
29	REMOTE HAND SET	5005.05

| NOT SOLD SEPARATELY

Fig. # 68

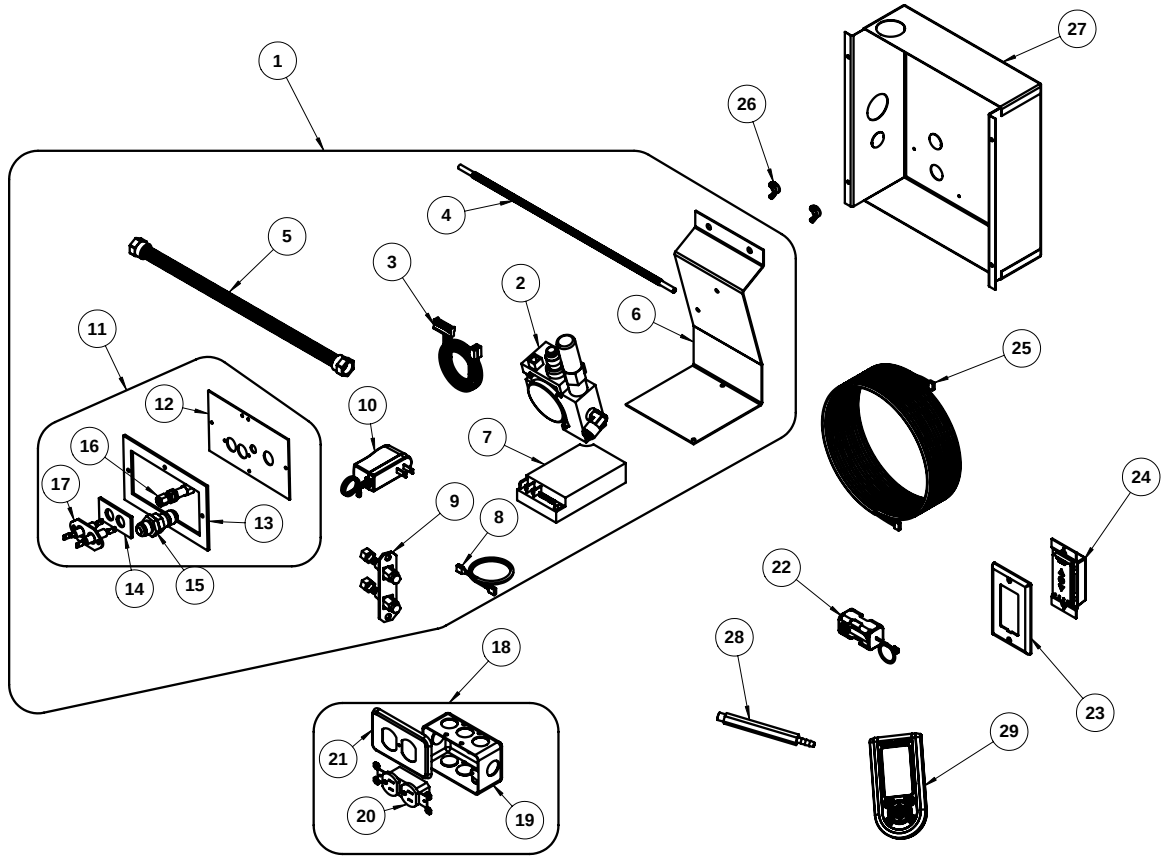
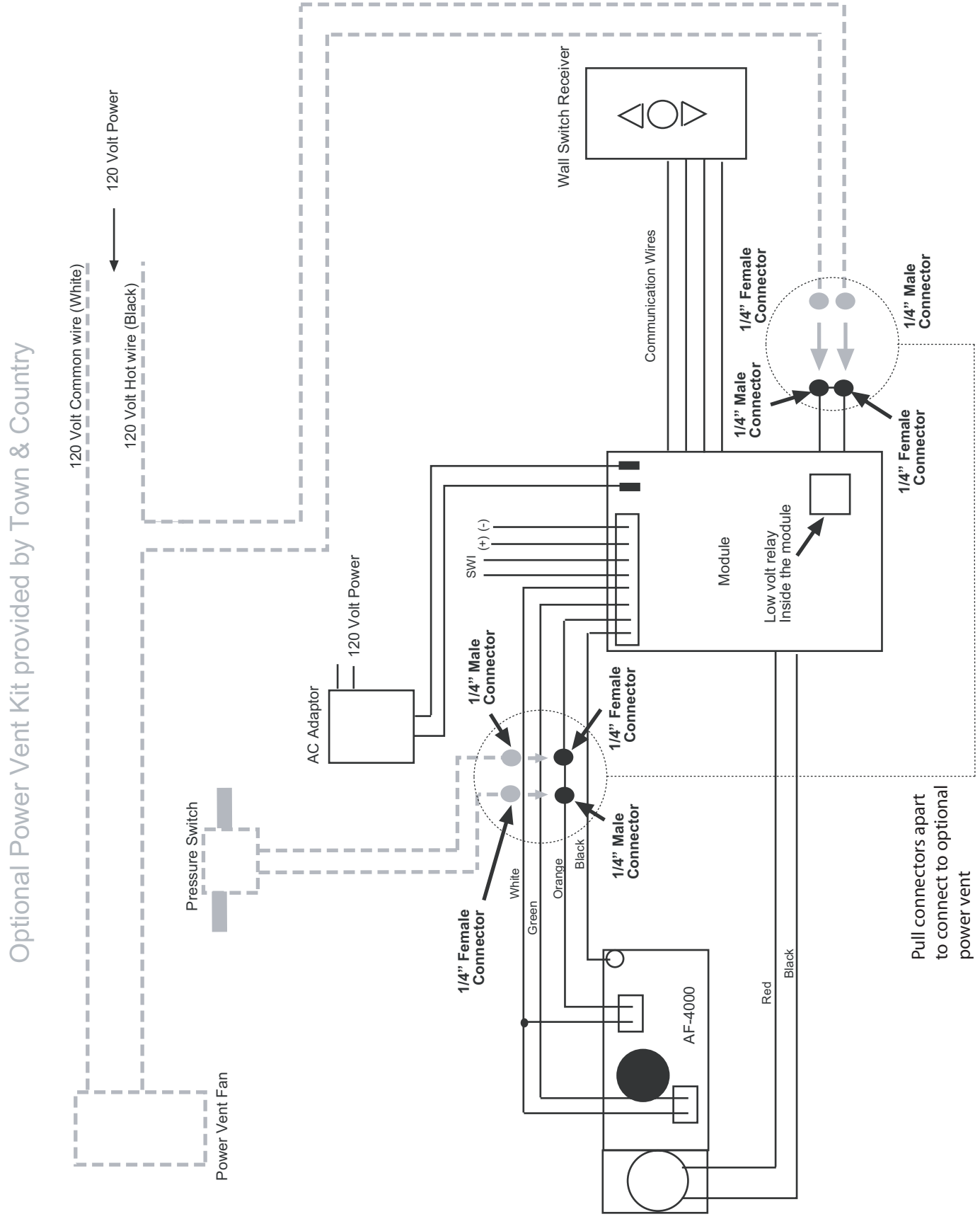


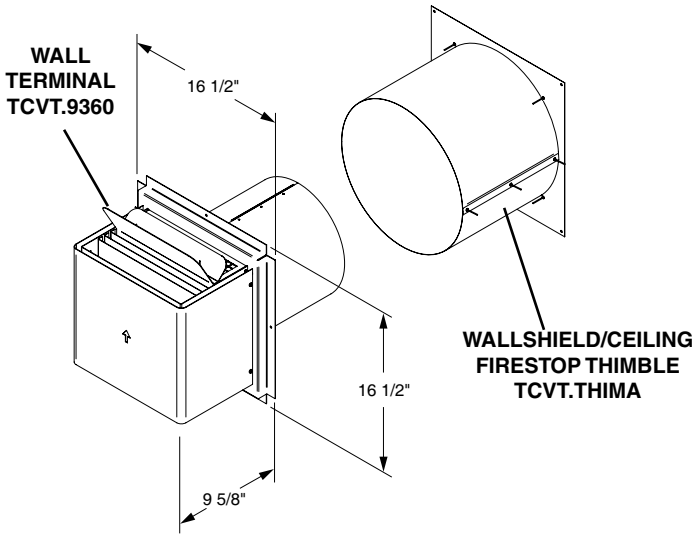
Fig. # 69

POWER VENT WIRING DIAGRAM



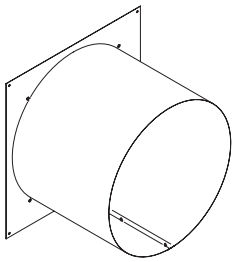
WALL TERMINATION KIT
TCVT.WTA

Fig. # 70



WALL SHIELD/CEILING FIRESTOP THIMBLE
TCVT.THIMA

Fig. # 71



ROOF TERMINATION KIT
TCVT.RTA

Fig. # 72

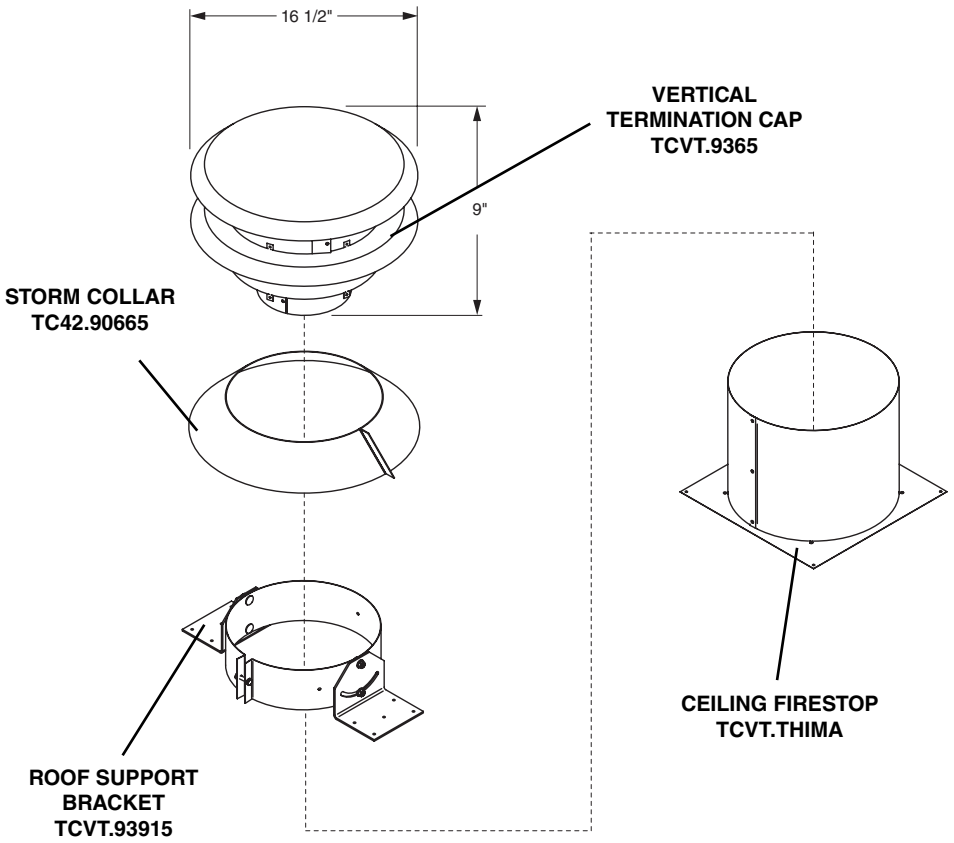
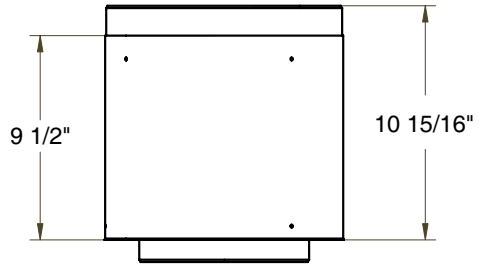
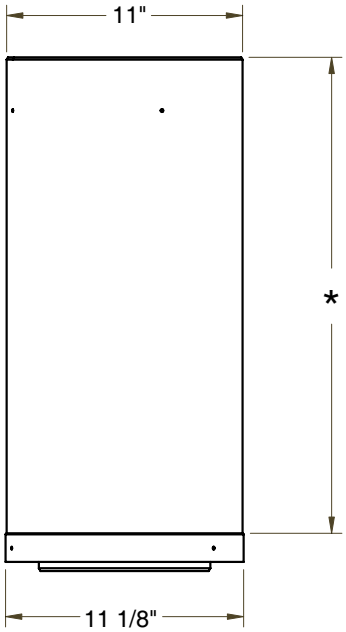


Fig. # 73

VENT PIPE DIMENSIONS

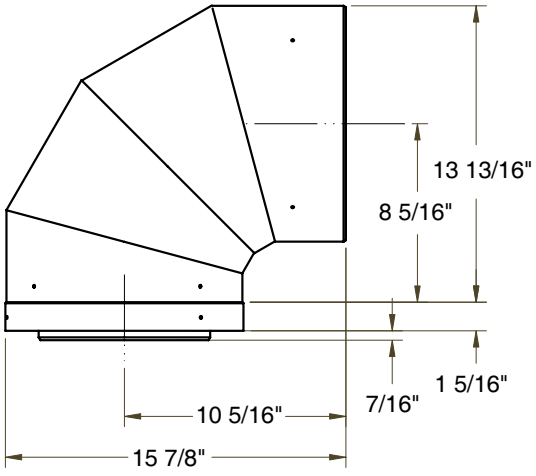


TCVT.811X12ADJ

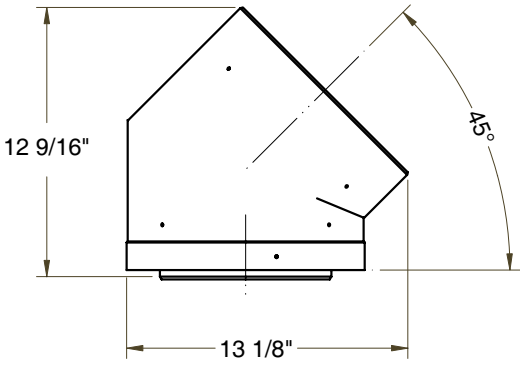


12" Pipe ..... 10 1/4"
18" Pipe ..... 16 1/4"
24" Pipe ..... 22 1/4"
48" Pipe ..... 46 1/4"

TCVT.811X _ _



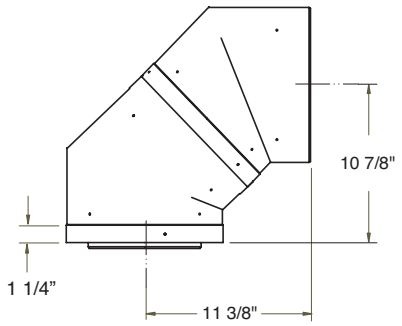
TCVT.811XLB90



TCVT.811XLB45

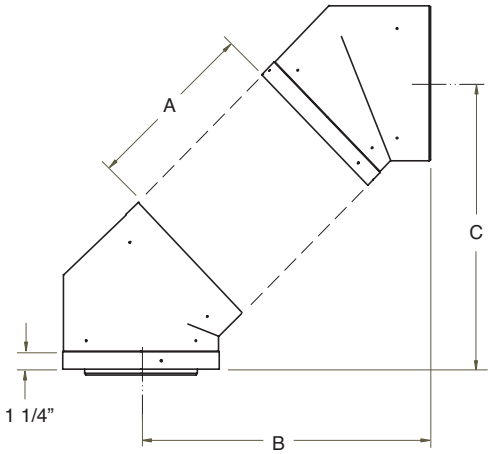
Fig. # 74

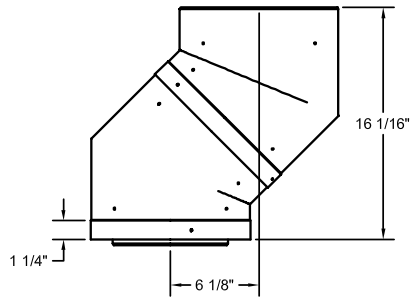
VENT OFFSET CHART



A	B	C
12" Pipe	18 5/8"	18"
18" Pipe	22 7/8"	22 3/8"
24" Pipe	27 1/8"	26 1/2"
48" Pipe	44 1/16"	43 1/2"

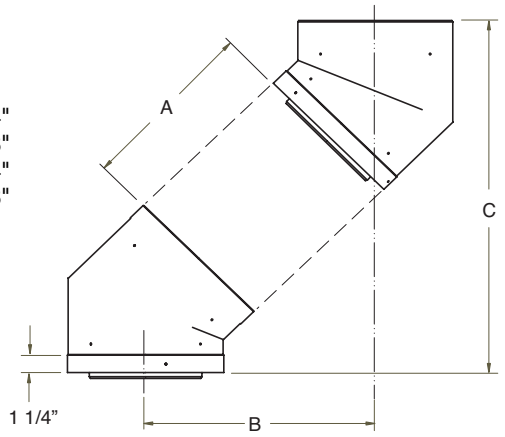
Adding an adjustable section to pipe will increase offset by 2 1/8" to 6 3/4"

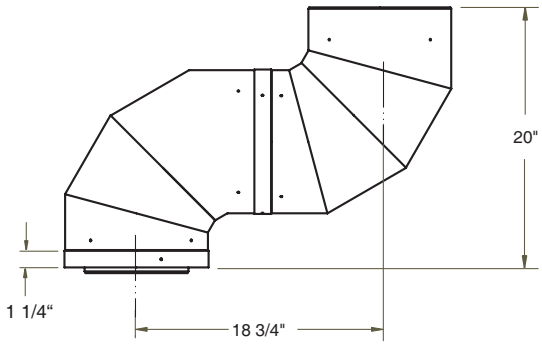


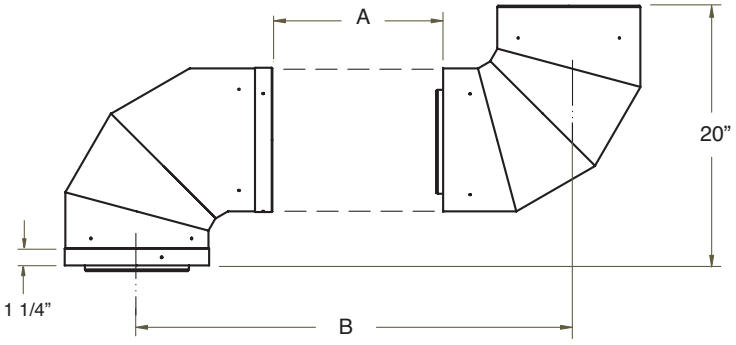


A	B	C
12" Pipe	13 7/16"	23 1/4"
18" Pipe	17 9/16"	27 5/8"
24" Pipe	21 7/8"	31 3/4"
48" Pipe	38 3/4"	48 7/8"

Adding an adjustable section to pipe will increase offset by 2 1/8" to 6 3/4"





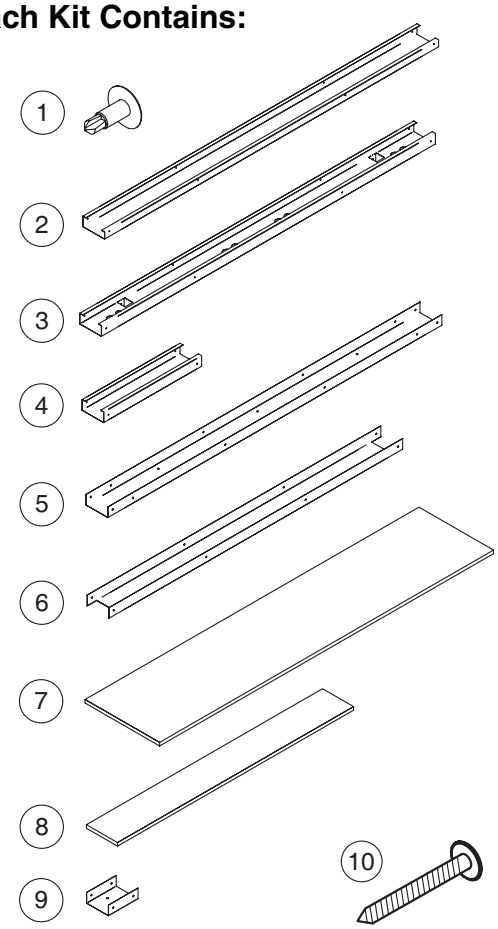


A	B
12" Pipe	29"
18" Pipe	35"
24" Pipe	41"
48" Pipe	65"

Adding an adjustable section to pipe will increase offset by 3" to 9 1/2"

STEEL STUD FRAMING KIT
TC42.FRKITB

Each Kit Contains:



Item	Part #	Description	Qty.
1	5049.9912	SCREW, TEKS #8 x 1/2”	Pkg. 40
2	9093.03	STUD, SIDES, 53 3/4”L	2
3	9093.1	STUD, OUTER SIDES, 53 3/4”L	2
4	9093.22	STUD, CENTER, 15 7/16”L	2
5	9094	STUD, HEADER, 53 3/4”L	1
6	9094.21	STUD, PLATE, 47 1/4”L	1
7	9098.01	CONCRETE BOARD, TOP 12” x 53 3/4”	1
8	9098.51	CONCRETE BOARD, SIDE 5” x 38”	2
9	9194.5	BASE PLATE 4 3/4”L	2
10	5049.993	SCREW, DRYWALL, 1 1/4”	Pkg. 30

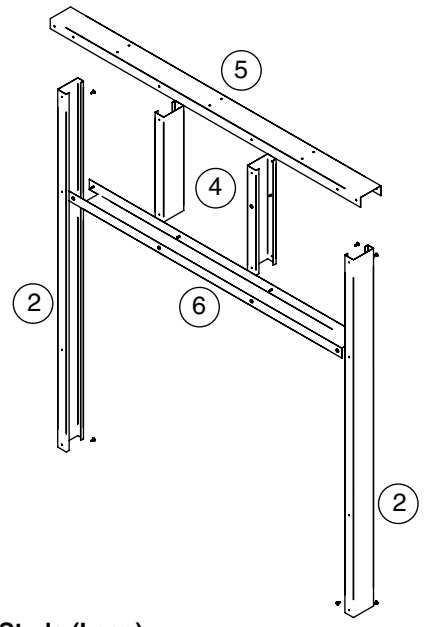
The Steel Stud Framing Kit is wider than required in the installation manual. An additional stud was added to each side for stability making the side concrete board 5” wide instead of 1 1/2” as specified. Once fully assembled, the framing kit fits into a 54” wide x 54” high framed opening.

WARNING!
EDGES ARE SHARP, ALWAYS WEAR GLOVES WHEN WORKING WITH SHEET METAL.

1. Top Frame Assembly

- Lay out studs (2) and (4) on a large flat surface, *see Fig. #1*.
- Using the screws provided (1), attach the header (5) and the stud plate (6) to the top studs (4).

Fig. # 75



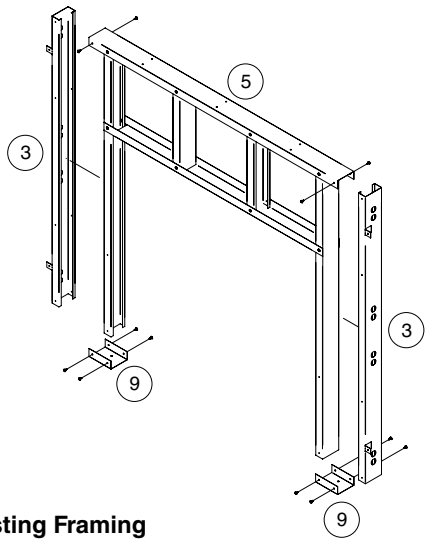
2. Attach Side Studs (Legs)

- Attach the side studs (3) to the top of the header studs (5), *see Fig. #76*.
- Fasten the side studs (3) at the bottom using the base plates (9).

3. Attach the Assembled Frame to the Unit

- Align the assembled frame to the unit framing brackets, *see Fig. #77*. Attach at the fastening points through the access holes in the side studs (3).

Fig. # 76



4. Secure to Existing Framing

- Secure the frame assembly to existing framing through the stud top plate (5) and the stud base plates (9).

6. Install Concrete Board Top and Sides

- Use drywall screws (10) to install the concrete board top (7) and sides (8), *Fig. #78*.

Fig. # 77

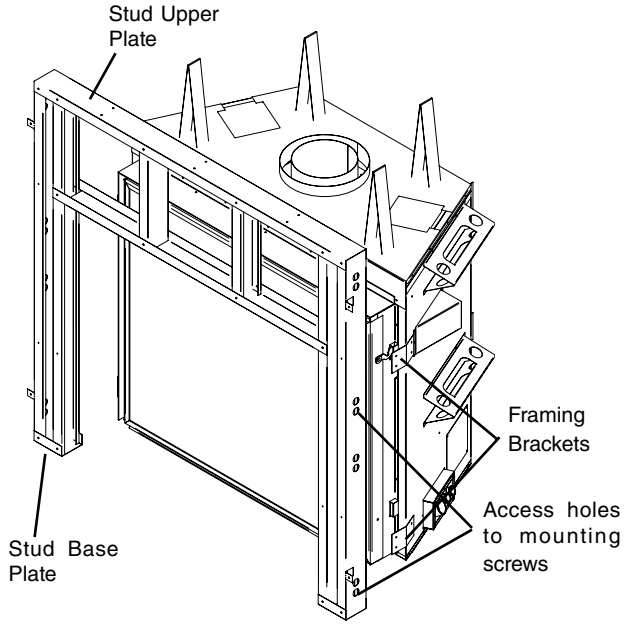
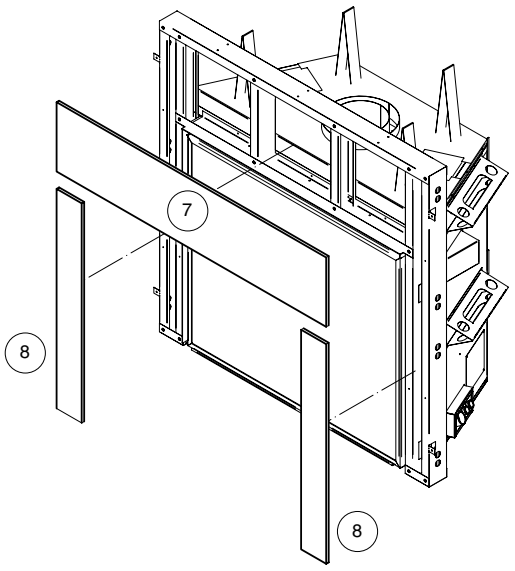


Fig. #78



VENTED GAS FIREPLACE - NOT FOR USE WITH SOLID FUEL
FOYER AU GAZ À ÉVACUATION - NE PAS UTILISER AVEC DU COMBUSTIBLE SOLIDE

WH-

ANSI Z21.50b-2002 / CSA 2.22b-2002 Vented Gas Fireplaces
CAN/CGA 2.17-M91 Gas-Fired Appliance For Use At High Altitudes.
Certified for / Certifié pour Canada and U.S.A.

This Appliance is Equipped For Use With / Cet Appareil est Équipé Pour Utilise Avec :

NATURAL GAS / GAZ NATUREL ■ **LP-GAS / LP GAZ** ■

TOWN & COUNTRY FIREPLACES™

MODEL/ MODELE: TC42

SERIES/ SERIE: C

MADE IN CANADA
FABRIQUE AU CANADA

FOR USE WITH/ EN CASE D'EMPLOI AVEC:	NATURAL GAS/ DU GAZ NATUREL	LP GAS/ DU GAZ LP
Minimum supply pressure / Pression minimum d'alimentation: (For the purpose of input adjustment / dans le but de régler l'alimenation)	5.0 in/wc / 5.0 po/c.e. (1.25 kPa)	12.5 in/wc / 12.5 po/c.e. (3.11 kPa)
Maximum supply pressure / Pression maximum d'alimentation:	13.9 in/wc / 13.9 po/c.e. (3.45 kPa)	13.9 in/wc / 13.9 po/c.e. (3.45 kPa)
Manifold pressure / Pression de la tuyauterie: Maximum	3.8 in/wc / 3.8 po/c.e. (0.95 kPa)	11.0 in/wc / 11.0 po/c.e. (2.74 kPa)
Orifice Size / Diametre de l'injectuer:	# 25 (3.8 mm)	3/32" (2.38 mm)
Input BTU/hr (kW) / Entree BTU/h (kW):	Max.: 61,000 (17.9) Min.: 46,200 (13.5)	Max.: 61,000 (17.9) Min.: 46,200 (13.5)

Optional components: Remote Heat Kit (TC36.RHKA), / Éléments facultatifs: Kit à Distance de la Chaleur (TC36.RHKA),
Blower electrical rating: 115v, 60hz, 0.5 A / Normes electriques du ventilateur: 115v, 60hz, 0.5 A
This appliance equipped for altitudes 0 - 4500 ft. (0 - 1372 m) / Cet unité est conçu pour des altitudes variant entre 0 - 4500 pieds (0 - 1372 m). In Canada, also certified for installation in a bedroom or a bedsitting room / Aussi certifié pour installation dans une chambre à coucher ou une salle de séjour. This appliance must be installed in accordance with local codes, if any; if none, follow the current CAN/CGA-B149 (Canada), or ANSI Z223.1 (USA) Installation Codes.
Installer l'appareil selon les codes ou règlements locaux, ou, en l'absence de tels règlements, selon les codes d'installation CAN/CGA-B149 (Canada), or ANSI Z223.1 (USA) en vigeur.

MANUFACTURED (MOBILE) HOME: This appliance is only for use with the type of gas indicated on the rating plate and may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. See owners manual for details.
FABRIQUEZ (MOBILE) MAISON: Cet appareil doit être utilisé uniquement avec le type de gaz indiqué sur la plaque signalétique et peut être installé dans une maison préfabriquée (mobile) installée à demeure si les règlements locaux le permettent. Voir la notice du propriétaire pour plus de détails. Cet appareil ne peut être converti à d'autres gaz sauf si une trousse de conversion certifiée est utilisée.
Install in accordance with the current standard Mobile Homes,CAN/CSA Z240 MH (in CANADA), and the Manufacturer's Home Construction and Safety Standard, Title 24 CFR, Part 3280, or the current Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities ANSI/NFPA 501A, (in the U.S.A.). Cet appareil diot être installé conformemént aux exigences de la norme CAN/CSA Z240 MH en vigueur de l'ACNOR, Installations de gaz dans les Constructions Mobiles.
FOR USE WITH GLASS DOORS CERTIFIED WITH THE APPLIANCE ONLY / POUR UTILISATION UNIQUEMENT AVEC LES PORTES IN VERRE CERTIFIÉES AVEC L'APPAREIL

MINIMUM CLEARANCES TO COMBUSTIBLES / CLAIRANCES MINIMALES AVEC LES COMBUSTIBLE Left and Right side are determined when facing the front of the appliance. / Les côtés droit et gauche se déterminent en se mettant devant l'appareil et en lui faisant face.		
Top, Back and Side Standoffs / Sommet, Arrière et Côté Butée	0 in./ 0 po.	(0 mm)
Sidewall to Appliance / Du mur latéral a l'appareil	4 in./ 4 po.	(102 mm)
Ceiling to Appliance / Plafond a l'appareil	24 in./ 24 po.	(610 mm)
Mantel to Appliance / Du manteau al'appareil	*9 in./ 9 po.	(229 mm)
Maximum Mantel Extension / Allongement maximum du manteau *See Installation Manual for more detail / Voyez des Directive de l'Installation pour plus détaux.	*12 in./ 12 po.	(305 mm)
Mantel Supports / Supports du manteau	4 in./ 4 po.	(102 mm)
Vent Pipe / Déchargez le Tuyau	1.75 in./ 1.75 po.	(45 mm)

Pacific Energy
Fireplace Products Ltd.
Duncan, British Columbia,
Canada

DDV TECHNOLOGY

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information, consult a qualified installer, service agency or the gas supplier.
AVERTISSEMENT: Une installation, un réglage, une modification, une réparation ou un entretien mal effectué peut causer des dommages matériels ou des blessures. Voir la notice de l'utilisateur qui accompgne l'appareil. Pour de l'aide ou des renseignements supplémentaires, consultez un installateur, un technicien agréé ou le fournisseur de gaz.

120506 **5050.7204.C** **1-TC42-C**

SAFETY LABEL LOCATION

NOTE: The Safety Label is located on a plate found in a slot between the left hand side lintel and the left hand side window frame. This plate is attached to the lintel with a cable.

TOWN & COUNTRY
FIREPLACES™

Phone: 1-877-715-2664
Web site: www.townandcountryfireplaces.net
2975 Allenby Rd., Duncan, B.C. V9L 4T8

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